

Curriculum Vitae
Augustus J. (A.J.) Scarlato III
Assistant Professor
Department of Computer Science
Stetson University
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EDUCATION

D.B.A., Information Systems, Muma College of Business, University of South Florida, 2024

- “Dissertation: Assessing the Impact of AI Assisted Software Development and User Experience of a College Football Simulation Game: A Study of Player and Industry Professional Perspectives”, chair: Dhalia Robinson

M.B.A, George Herbert Walker School of Business & Technology, Webster University, 2007

- High Distinction, Concentration in Information Technology

B.B.A, Computer Information Systems, School of Business Administration, Stetson University, 2003

ACADEMIC POSITIONS

2026 - Present	University of South Florida Adjunct Professor, DBA Program	Tampa, FL
2025 - Present	Stetson University Assistant Professor, Computer Science	DeLand, FL
2023 – 2025	Stetson University Assistant Professor of Practice, Computer Science	DeLand, FL
2022 - 2023	Stetson University Adjunct Professor, School of Business Administration	DeLand, FL
2022 – 2024	University of South Florida Adjunct Professor, Information Systems & Management	Tampa, FL

Dr. Augustus John (A.J.) Scarlato III is a full-time tenure-track Assistant Professor of Computer Science at Stetson University, where he teaches a range of courses in core computer science, software development, cybersecurity and senior research. He also contributes to interdisciplinary instruction as needed within Stetson’s School of Business Administration, drawing from his dual expertise in technology and management.

Dr. Scarlato is also on track to teach Executive-level courses in the Doctor of Business Administration (DBA) program at the University of South Florida in Spring 2026, focusing the transition from Industry to Academia. He recently served for two consecutive academic years as Adjunct Faculty in USF's Muma College of Business, where he taught undergraduate and graduate courses in Management and contributed to curriculum design.

Dr. Scarlato recently earned his Doctor of Business Administration (D.B.A.) from the University of South Florida, with a concentration in Information Systems. His research and academic interests lie at the intersection of Software Development and Entrepreneurship. In addition, he continues to focus on emerging technologies, digital transformation, enterprise information systems, and healthcare IT innovation.

Prior to transitioning into academia, Dr. Scarlato had a distinguished career in the healthcare industry. He most recently served as the Executive Director of Enterprise Imaging Systems at AdventHealth, one of the largest non-profit healthcare systems in the U.S. In this role, he led strategic operations across radiology and cardiology imaging IT systems for a network that spanned more than 55 hospitals and 250 physician practices. His leadership portfolio included oversight of a high-performing team of 68+ professionals—comprising IT directors, project managers, systems architects, and engineers—dedicated to innovating and maintaining mission-critical clinical imaging platforms.

His responsibilities included enterprise-wide strategic planning, operational governance, and budgetary management of multi-million-dollar operating and capital investments. Under his leadership, AdventHealth significantly advanced its imaging informatics infrastructure, aligning with national interoperability goals and digital health transformation initiatives.

In his academic role, Dr. Scarlato actively integrates industry-based best practices into the classroom, mentoring students to develop robust, real-world skillsets that bridge theoretical foundations with applied technology and management. His pedagogy emphasizes project-based learning, team collaboration, and proficiency in modern development tools, cloud-based platforms, and agile methodologies, equipping students for dynamic careers in both technology and business sectors.

Dr. Scarlato holds a Master of Business Administration (M.B.A.) from Webster University, and a Bachelor of Business Administration (B.B.A.) in Computer Information Systems from Stetson University. His unique blend of academic credentials, industry leadership, and interdisciplinary teaching enables him to foster rich, practice-oriented learning environments and to contribute meaningfully to both scholarly and practitioner conversations in business technology.

Currently on a tenure-track pathway at Stetson University (2025–2031), Dr. Scarlato is committed to pursuing high-impact research, developing industry-aligned curricula, and engaging in entrepreneurial ventures that bridge academia, business, and technological innovation. His long-term objectives include expanding applied research in digital enterprise systems and launching business initiatives that support real-world technology implementation, innovation consulting, and workforce development.

SERVICE

University General Education Committee (UGEC)

Stetson University, Member

2025 – Present

- Collaborate in the review and advancement of university-wide general education curriculum, ensuring academic rigor, coherence, and alignment with institutional learning outcomes.

Faculty Senate

Stetson University, Faculty Senator

2024–2025

- Newly appointed Contingent faculty representative on the Faculty Senate, contributing to discussions on institutional policies, faculty governance, and academic affairs.

Faculty Welfare Committee

Stetson University, Member

2024–2025

- Participate in discussions and initiatives to improve faculty working conditions, benefits, and overall well-being.

Faculty Program Review Committee (FPRC)

Stetson University, Member

2024–2025

- Review and provide feedback on the Medical and Health Humanities (MEDH) minor program proposal, contributing to curriculum development and program approval processes.

Academic Advisor

Stetson University, Department of Computer Science

2023–Present

- Advise and mentor 21 undergraduate students, guiding course selection, career paths, and academic planning.

Hatter Angel Network

Stetson University, Hatter Angel Investor, Member

2023 – Present

- Evaluating early-stage startups and providing strategic insights for potential investments to the Hatter Angels. Fostering innovation and entrepreneurship within the School of Business.

Computer Science, Tenure Track Search Committee

Stetson University, Member

2023

- Participated in the review and selection process for candidates applying to the tenure-track position in the Computer Science Department.
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CHRONOLOGICAL LISTING OF COURSES TAUGHT

Stetson University

1. **CSCI – 390 (2025) – Procedural Content Generation in Gaming.** Independent student study of procedural content generation in software development gaming.
2. **CSEC – 141 (2025) – Introduction to Cybersecurity.** An entry-level course introducing core cybersecurity principles, threats, defenses, and ethical considerations in digital security.
3. **CSCI – 395 (2025) – Computer Analytics.** Independent student study of Healthcare Analytics and Business.
4. **CSCI - 390 (2025) – Medical Image Processing.** An upper-level course in Medical Image Processing and Language Model training
5. **CSCI – 141 (2023 – Present) Introduction to Computer Science I.** An introduction to computer science and object-oriented programming with Java.
6. **CSCI – 142 (2023 – Present) Introduction to Computer Science II.** A continuation of [CSCI 141](#), with an introduction to recursion, linked lists, sorting and searching, and object-oriented design.
7. **CSCI – 321 (2023 – Present) Software Development II.** A project-based course in which students form teams to build a single product throughout the entire semester. Technologies used may differ each semester. Emphasis is placed on team management, code version control, requirements engineering, API development and usage, UI/UX design, and clean code.
8. **CSCI – 498 (2023 – Present) Senior Research I.** Students select a topic in computer information systems, computer science, or cyber security and work on it in collaboration with a faculty member. The student will develop a statement of the problem to be studied, the methods used, and the background information needed to solve the problem. The student will write a project proposal, including preliminary results, and present the problem and results to the department.
9. **CSCI – 499 (2023 – Present) Senior Research II.** Students will extend their research project, which started in [CSCI 498](#). The student will write a final paper and present the results to the department.
10. **SOBA – 200 (2022 – 2023) Professional Communications.** *Adjunct Professor*
Develops students' written and oral communication skills for the professional environment. Students use supporting technology to improve writing mechanics, develop various forms of written assignments application to the business disciplines, evaluate research sources, and write a topical research paper. Students must make presentations, develop supporting materials for presentation effectiveness, communicate in small groups, and participate in feedback sessions.

University of South Florida

1. **GEB – 7939 (2026) Executive Topics in Business** [*Adjunct Professor*] Transitioning from Industry to Academia, Strategies for Success.
2. **MAN – 3025 (2022 – 2024) Principles of Management.** [*Adjunct Professor*] Examines intrapersonal, interpersonal, group/team, organizational, and environmental factors influencing the management task.
3. **GEB – 6898 (2023) Analytics and Risk Management.** [*Adjunct Professor*] *The MBA* Capstone course allows students the final opportunity to understand the integration of business concepts and strategic challenges facing organizations. Students analyze real-world scenarios to practice decision-making within relevant business problems.

CHRONOLOGICAL LISTING OF PUBLICATIONS AND RESEARCH

Peer-Reviewed Journal Articles / Conference Proceedings

1. **Scarlato III, Augustus J.** (2025). *Securing AI- Driven Imaging Workflows A Process Science Perspective on Healthcare Cybersecurity.* *Journal of Integrated Design and Process Science*, 28(5).
2. **Scarlato III, Augustus J.** (2025). *Simulating Industry: A Multi Semester Agile Collaboration Study in an Upper Level Software Development Course.* *Journal of Computing Sciences in Colleges*, 41(5).
3. **Scarlato III, Augustus J.** (2024). *Assessing the impact of artificial intelligence-assisted software development within the game industry: A study of player and industry perspectives.* In *The European Conference on Education 2024: Official Conference Proceedings* (pp. 63-74). ISSN: 2188-1111. <https://doi.org/10.22492/issn.2188-1111.2024.7>
4. **Scarlato III, Augustus J.** (2024). *The impact of artificial intelligence on college/university computer science curricula: An exploratory study since the emergence of OpenAI's GPT.* In *The Paris Conference on Education 2024: Official Conference Proceedings* (pp. 13-26). ISSN: 2758-0962. <https://doi.org/10.22492/issn.2758-0962.2024.2>

Book Chapters

5. **Scarlato, A. J. III.** (2022). *BAMF!: A transformation to Blackbird Comics & Coffeeshop.* In *Case studies on entrepreneurial ecosystems, sustainable business, and stakeholder dynamics* (1st ed.). Bloomsbury Publishing India Pvt. Ltd. ISBN: 9789356402171.

SCHOLARLY STATUS AND MAINTENANCE

Scholarly Academic (SA) Status (AACSB)

Current Status: (2024) Recognized as a Scholarly Academic (SA) by the AACSB, based on completing doctoral research and dissertation defense.

Maintenance Requirement: The SA status is valid for five years (2024 – 2029), requiring two publications in peer-reviewed journals or equivalent academic outputs every five years to retain Status.

CHRONOLOGICAL MEDIA MENTIONS / PROFESSIONAL RECOGNITION

Scarlato, A. J. III. (2008). Quoted in *Collaboration in the Cath Lab: RFID Technology Applications*. *Cath Lab Digest*, HMP Global Learning Network.
<https://www.hmpgloballearningnetwork.com/site/cathlab/articles/collaboration-cath-lab>

CHRONOLOGICAL LISTING OF SIGNIFICANT PRESENTATIONS

Keynotes, Plenary, and Invited Sessions

1. SDPS – **30th Society for Design and Process Science** (December 2025, St. Julian, Malta). *Securing AI- Driven Imaging Workflows A Process Science Perspective on Healthcare Cybersecurity*. [Presenter]
 2. CCSC – **Consortium for Computing Sciences in Colleges – Southeast** (November 2025, Mercer, Georgia). *Simulating Industry: A Multi Semester Agile Collaboration Study in an Upper Level Software Development Course*. [Presenter]
 3. HIMSS – **Health Information Management Systems Society** (March 2025, Las Vegas, Nevada). *Creating a unified platform that brings PACS, EMR, users, and customers together*. [Presenter]
 4. IAFOR – **12th European Conference on Education**. (July 2024, Online). *Assessing the impact of artificial intelligence-assisted software development within the game industry*. [Presenter].
 5. IAFOR – **3rd Paris Conference on Education**. (June 2024, Paris, France). *Assessing the impact of artificial intelligence-assisted software development within the game industry*. [Presenter, AI Conference Chair].
 6. **AMP (Academia Meets Practice) Conference**. (June 2023, Tampa, Florida). *To what extent is Chat GPT-4 (AI) shaping the curriculum of college/university computer science programs?* [Presenter].
 7. **Adventist Health System Townhall**. (August 2016, Orlando, Florida). *Microsoft Teams and Yammer: Our communication pathway*. [Keynote Presenter].
 8. **HIMSS Conference**. (2009, Chicago, IL, USA). *Collaboration in the Cath Lab: RFID Technology Applications*. [Panel Discussion, Presenter, Florida Hospital].
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PROFESSIONAL CONFERENCES ATTENDED

Technology Education

1. **Consortium of Computer Science Education (CCSC SE 2025)**
2025, Macon, Georgia
[Presenter, Session Chair, Judge]
2. **Paris Conference on Education (PCE2024)**
2024, Paris, France
[Presenter, AI Conference Chair]
3. **European Conference on Education (ECE2024)**
2024, Online
[Presenter]
4. **ACR'23 – The 2023 International Conference on Advances in Computing Research**
2023, Orlando, Florida
[Attendee]
5. **Bsides Cyber Security Conference**
2023, Orlando, Florida
[Attendee]
6. **Design Science Research in Information Systems Conference**
2022, India (Remote Attendance)
[Attendee]
7. **AMP (Academia Meets Practice) Conference**
2022, Tampa, Florida
[Presenter]
8. **Microsoft TechEd North America**
2013, Orlando, Florida
[Attendee]
9. **Photoshop World Conference**
2011, Orlando, Florida
[Attendee]

Healthcare Information Technology

9. **AHUG (AGFA Healthcare User Group) Conference 2025**, Orlando, Florida
[Speaker]
10. **HIMSS (Healthcare Information and Management Systems Society) Conference**
2025, Las Vegas, Nevada
[Speaker]
11. **RSNA (Radiology Society of North America) Conference 2024**, Chicago Illinois
[Attendee]
12. **HIMSS (Healthcare Information and Management Systems Society) Conference**
2022, Orlando, Florida
[Attendee]
13. **RSNA (Radiological Society of North America) Conference**
2022, Chicago, Illinois
[Attendee]
14. **HIMSS (Healthcare Information and Management Systems Society) Conference**

- 2021, Orlando, Florida
[Attendee]
15. **HIMSS (Healthcare Information and Management Systems Society) Conference**
2016, Chicago, Illinois
[Attendee]
 16. **RSNA (Radiological Society of North America) Conference**
2015, Chicago, Illinois
[Attendee]
 17. **HIMSS (Healthcare Information and Management Systems Society) Conference**
2015, Chicago, Illinois
[Attendee]
 18. **ACC (American College of Cardiology) Annual Scientific Session**
2014, Orlando, Florida
[Attendee]
 19. **RSNA (Radiological Society of North America) Conference**
2014, Chicago, Illinois
[Attendee]
 20. **RSNA (Radiological Society of North America) Conference**
2013, Chicago, Illinois
[Attendee]
 21. **RSNA (Radiological Society of North America) Conference**
2012, Chicago, Illinois
[Attendee]
 22. **RSNA (Radiological Society of North America) Conference**
2011, Chicago, Illinois
[Attendee]
 23. **ACC (American College of Cardiology) Annual Scientific Session**
2011, New Orleans, Louisiana
[Attendee]
 24. **RSNA (Radiological Society of North America) Conference**
2010, Chicago, Illinois
[Attendee]
 25. **ACC (American College of Cardiology) Annual Scientific Session**
2010, Orlando, Florida
[Attendee]
 26. **HIMSS (Healthcare Information and Management Systems Society) Conference**
2009, Chicago, Illinois
[Panel Discussion Participant]
 27. **RSNA (Radiological Society of North America) Conference**
2009, Chicago, Illinois
[Attendee]
 28. **ACC (American College of Cardiology) Annual Scientific Session**
2009, Orlando, Florida
[Attendee]
 29. **Lumedx Conference on IT Technology and Healthcare**
2007, Seattle, Washington

[Attendee]

AWARDS AND RECOGNITION

1. Top Hatter – Advisor of the Year 2025
2. The Academy Health Management Leadership 2023
 - Rising CIO/CTO Track
 - Nominated by Brent Snyder, AdventHealth CIO, for Leadership Program
3. AdventHealth AIT Leadership Graduate 2018
 - One-year program selecting the top 12 Information Technology leaders in AdventHealth from a pool of 350
4. Florida Hospital REACH Leadership Graduate 2016
 - Two Year Program selecting the top 25 Healthcare leaders at Florida Hospital from a pool of 1,600
5. Florida Hospital Model of Excellence* (MIS) 2009
6. Florida Hospital Model of Excellence* (MIS) 2008
7. Florida Hospital Model of Excellence* (MIS) 2006

*The Florida Model of Excellence award is awarded to the top 10% of non-management staff for their extraordinary work performance as determined by their Senior Leaders and Peers.

PROFESSIONAL CERTIFICATIONS

1. (CPHIMS) Certified Professional in Healthcare Information & Mgt Systems 2017
 2. (LEAN) Six Sigma Green Belt Certification 2010
 3. (PMP) Project Management Professional 2009
 4. (MCSE) Microsoft Certified Systems Engineer 2005
 5. (CNA) Certified Novell Administrator 2004
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TECHNICAL SKILLS

1. **Programming Languages:** Java, C++, Python, Visual Basic
2. **Agile & Scrum Methodologies:** Agile project management frameworks
3. **Version Control:** Git, GitHub, GitLab
4. **Database Administration:** SQL, MySQL, PostgreSQL, Oracle, MongoDB
5. **Cybersecurity Fundamentals:** Network security, ethical hacking, cryptography, pen testing, Wireshark, Burp Suite,
6. **Mobile App Development:** React Native, Swift, React, Django
7. **Network & Systems Architecture:** Network Architecture, SD-WAN, VPN, Voice Over IP (VoIP) Protocol
8. **Storage Solutions:** Isilon Storage, NAS, and SAN Storage
9. **Virtualization:** Virtual Machine Administration, Server Support and Configuration
10. **Cloud Platforms:** MS Azure, Amazon Web Services (AWS)

- A multitude of custom integrations via HL7 and PACS

[Further Information on Career Growth is Available; below is a summarization]

Senior Manager – Imaging Information Systems	Florida Hospital	Orlando, FL
Manager – Imaging Information Systems	Florida Hospital	Orlando, FL
Team Lead – Imaging Information Systems	Florida Hospital	Orlando, FL
Sr. Systems Engineer – Imaging Info. Systems	Florida Hospital	Orlando, FL
Systems Engineer – Computer Info. Systems	Florida Hospital	Orlando, FL
Helpdesk Support Specialist II	Florida Hospital	Orlando, FL
Intern Software Developer	Electronic Arts	Maitland, FL
Quality Assurance	Electronic Arts	Maitland, FL