

Denise M. Carroll

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EDUCATION

Master of Science

Boston University Boston, MA

- Major: Computer Information Systems
- Concentration: Security

Bachelor of Science

Simmons University Boston, MA

- Majors: Computer Science and Mathematics
- Minor: East Asian Studies

TEACHING EXPERIENCE

Assistant Professor of Practice - Simmons University

September 2020 - Present

- Planning lectures, assignments, and labs for classes in accordance with curriculum.
- Assisting students with questions on coursework and materials.
- Advising students.
- Classes and Labs
 - Spring 2022 CS-112LC: Introduction to Computer Science
 - Spring 2022 LCIS: Coding and Digital Storytelling
 - Spring 2022 CS-335: Software Engineering
 - Fall 2021 CS-112-01: Introduction to Computer Science
 - Fall 2021 CS-112-02: Introduction to Computer Science
 - Fall 2021 CS-110: Foundations of Information Technology
 - Fall 2021 CS-370: Internship
 - Spring 2021 CS-110: Foundations of Information Technology
 - Spring 2021 CS-335: Software Engineering
 - Fall 2020 CS-110: Foundations of Information Technology
 - Spring 2020 CS-330: Structure & Organization of Programming Languages
- Committees/Service
 - Internship Working Group
 - Faculty Advisor to MCS Advisory Board
 - MCS Makerspace Committee
 - PLAN Advisor
 - ALT Committee
 - Math/Stats Search Committee
 - CS Search Committee

Adjunct Professor - Simmons University

September 2017 - May 2020

- Planning lectures, assignments, and labs for classes in accordance with curriculum.
- Assisting students with questions on coursework and materials.
- Classes
 - Spring 2020 CS-110: Foundations of Information Technology
 - Spring 2019 LIS-488: Technology for Information Professionals

- Fall 2018 LIS-488: Technology for Information Professionals
- Fall 2017 LIS-488: Technology for Information Professionals

EMPLOYMENT

Lead Software Developer - MEDITECH November 2017 - February 2020

- Acting as a technical resource and role model for the group, and helping to lead the direction of foundational areas.
- Working with Software Designers, Testers, and users to collaboratively determine functional requirements for enhancements.
- Taking functional requirements and converting them to technical specifications that consider current functionality, flexible code for future enhancements, design concerns, and technical limitations.
- Understanding, creating, and implementing new concepts with any MEDITECH programming technology.
- Providing training to programmers and other group members on technical concepts.
- Serving as Agile Scrum Master as needed
- Addressing identified software deficiencies and providing coding solutions that satisfies all customers' needs and software configurations.
- Assisting other MEDITECH divisions with complex issues.
- Peer reviewing other developer's work with constructive criticism and suggestions for alternate solutions.
- Explaining technical concepts in non-technical terms for functionality and design decisions.

Software Developer - MEDITECH October 2007 - November 2017

- Designing and Enhancing new functionalities for medical software in both individual and group environments.
- Addressing identified software deficiencies and providing coding solutions that satisfies all customers' needs and software configurations.
- Assisting other MEDITECH divisions with complex issues.
- Peer reviewing other developer's work with constructive criticism and suggestions for alternate solutions.
- Explaining technical concepts in non-technical terms for functionality and design decisions.

Programmer/Analyst, Client Support - MEDITECH November 2005 - October 2007

- Working with MEDITECH staff and/or customers to address software issues.
- Troubleshooting and researching customer issues through analyzing code and data.
- Designing, documenting, and coding software modifications based on specifications.
- Developing and enhancing technical tools to improve internal processes.
- Mentoring and training co-workers.

Study Abroad Assistant - Simmons University Boston, MA May 2004 - June 2004

- Teaching and residence assistant for a 5 week study abroad course to Japan.
- Coordinated initial orientation and subsequent meetings for the traveling students.
- Instructed students in the Japanese language and cultural differences.
- Assisted with preparation of cultural activities and social events while in Japan.
- Supervised students' activities during evenings and weekends, and maintained residence.

Teaching Assistant - Simmons University Boston, MA September 2003 - May 2004

- Tutored "Introduction to Computer Science I" and "Introduction to Computer Science II" courses.
- Responsible for grading homework and lab assignments.

Research Assistant - Simmons University Boston, MA November 2002 - May 2004

- Assisted in compiling a grant application to author a Japanese language textbook.
- Aided in the development of two courses for Simmons College History Department, “The Nanking Massacre” and “Popular Culture of Japan”, by collecting materials, and creating an interactive CD with graphics, video, and sound clips.
- Data entry via Japanese writing software.
- Responsible for finding research materials, writing memos, filing, and office tasks.

TECHNOLOGY SUMMARY

- Programming Languages: Java, C, C++, SQL, HTML, CSS, JavaScript, Python, Perl, Visual Basic
- MEDITECH Proprietary Languages: Magic, NPR, FS, M-AT Focus
- Systems: Windows and Unix/Linux