

John E. Daudelin

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EDUCATION

M.S. in Computer Science New Jersey Institute of Technology	GPA 4.0 May 2021
B.S. in Computer Science (Minor in Applied Mathematics) Albert Dorman Honors College, New Jersey Institute of Technology	GPA 4.0 May 2020

EXPERIENCE

Software Engineer: Capital One Owned, developed, and released a Python automation tool which will save 240 hours of developer effort per year. Have led and helped lead production releases impacting millions of Capital One web/mobile users. Was promoted to Senior Associate within 11 months of employment.	2021-22
Personal Project: Multi-Player Boggle Game Created a multiplayer web app of the Hasbro game, Boggle, using React & Socket.io. Deployed the game on AWS EC2 and received over 220 hits within 10 days.	2020
Internships: Capital One <u>Cloud Control:</u> Developed 1st Capital One tool to generate prioritized, enterprise-wide cloud policy health analytics in real-time. <u>Cyber:</u> Developed a cyber war game platform (with 6 other interns) as a training and hiring tool. Personally implemented MFA login, global chat functionality, and persistent game settings.	2020 2019
Internship: iCIMS Mobile Team Improved continuous integration by developing/integrating an Android library and CLI tool. Led a team of 4 interns in developing a customer service chat bot and personally presented our tool to the CEO.	2018
Internship: Colgate-Palmolive Mobile Development Team Led 12 interns in a summer-long project to create a company training portal.	2017

TECHNICAL SKILLS

▪ Languages:	Java, Python, C/C++, HTML, JavaScript, TypeScript, PHP, SQL, Bash, Zsh
▪ Libraries & Frameworks:	React, Redux, Express, Spring, Bootstrap, Flask
▪ Tools & Environments:	AWS, Node.js, Jenkins, Jira, Git, Babel, Webpack, MongoDB, Apache Druid

ACTIVITIES

▪ Capital One Coders: Technical Co-Lead, Facilitator, & Teacher Serve as the nationwide technical co-lead for the Coders Innovation Committee. Have coordinated & taught virtual coding camps with up to 50 registered K-12 grade students.	2019-22
▪ NJIT ACM Treasurer Recovered \$260 stolen money and oversaw collection of \$1,100 in donations.	2017
▪ NJIT Math Department & ACM Computer Science Tutor Provided regular tutoring for 8 college-level mathematics courses and 3 CS courses.	2016-2021

AWARDS & CERTIFICATIONS

▪ AWS Certified Solutions Architect – Associate Certification	2021
▪ Certified Secure Software Engineer – Associate (Capital One)	2020
▪ 2 nd place: Facebook Intercampus Coding Competition	2019
▪ 1 st place: iCIMS Company Hackathon	2018