**John E. Daudelin**

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**EDUCATION**

**M.S. in Computer Science GPA 4.0**

New Jersey Institute of Technology Expected May 2021

**B.S. in Computer Science (Minor in Applied Mathematics) GPA 4.0**

Albert Dorman Honors College, New Jersey Institute of Technology May 2020

**EXPERIENCE**

**Internship: Capital One Cloud Control 2020**

Developed a web dashboard that analyzes real-time data and displays high-value cloud performance analytics.

Used Boto3 to pull data from S3, Druid to serve as a time-series database, and React to create a user interface.

**Personal Project: Multi-Player Boggle Game 2020**

Created a multiplayer web app of the Hasbro game, Boggle, using React & Socket.io.

Deployed the game on AWS EC2.

**Internship: Capital One Cyber 2019**

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.

**Internship: iCIMS Mobile Team 2018**

Improved continuous integration by developing/integrating an Android library and CLI tool.

Led a team of four interns in developing an Amazon Lex chat bot to improve customer service.

**Internship: Colgate-Palmolive Mobile Development Team 2017**

Developed a full stack enrollment portal to accompany a Colgate-Palmolive app.

Setup continuous integration on iOS build environments.

Led interns in a summer-long project to create a company training portal.

**Freelance Work: Point of Sale 2017**

Created a full stack web dashboard for a game store point of sale system.

**TECHNICAL SKILLS**

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

**ACTIVITIES**

* **Math Tutor:** NJIT Math Department **2018-present**
* **Computer Science Tutor**: NJIT Association for Computing Machinery & Private **2016-2019**
* **Classroom Assistant:** YWCC107, Computing as a Career **2018**
* **Treasurer (elected)**: NJIT Association for Computing Machinery **2017**
* **Coders Volunteer (Facilitator and Mentor)**: Capital One **2019 & 2020**

**AWARDS & CERTIFICATIONS**

* Certified Secure Software Engineer – Associate (Capital One) **2020**
* 1st place: iCIMS Company Hackathon **2018**
* 2nd place: Facebook Intercampus Coding Competition **2019**