STERLY DERACY

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EDUCATION

The College of New Jersey   Aug. 2019 - May 2023
B.S. Computer Science Major with Interactive Multimedia Minor
3.95/4.00 GPA
Honors: Dean's List (all semesters), Omicron Delta Kappa Leadership Society, Upsilon Pi Epsilon, Phi Kappa Phi Honor Societies
Awards: Blue and Gold Hall of Fame, NJ Collegiate Press Award 2nd Best Overall Website, Junior of the Year, Sophomore of the Year, Freshman of the Year, Computer Science Department Service Award

WORK EXPERIENCE

Amazon Web Services (AWS), *Front-End Engineer*, New York City, NY   Jun. 2022 - Current
- Developed two internal applications over the course of the summer using TypeScript and React
- Automate the creation of 6+ types of resources for AWS Pipeline
- Designed and built static UI to test for integration of 3 applications

Tabula Rasa Healthcare, *Software Engineer Intern*, Moorestown, NJ   Jun. 2021 - Aug. 2021
- Developed 15 automated tests for methods throughout the codebase using Ruby
- Restructured multiple data structures with hundreds of lines of code to improve code readability
- Increased the overall test coverage by 31%

PROJECTS

TCNJ Hackathon Website (Django, HTML, CSS, JavaScript, Bootstrap, Git)   Dec. 2021 - Current
- Developed the front end for an application that handles the registration process for TCNJ's annual hackathon
- Designed the structure and color scheme for 8 unique, responsive pages
- Collaborated with 2 back-end developers to display and retrieve database queries to more than 200 users

The G.O.O.N. Card (HTML, CSS, JavaScript, Bootstrap, SQLite, Git)   Sep. 2022 - Dec. 2022
- Developed the front-end and back-end for a web application to generate a portable business card for users at a networking event
- Implemented/Designed color schemes, settings page functionality, and speech recognition functionality for the application
- Collaborated with 4 other teammates to schedule meetings, delegate work, and approve/review pull requests

Mentored Research (JavaScript, Angular, Typescript, PHP, Git)   Aug. 2019 - May 2021
- Developed a mobile application designed to help students find books in the school library alongside Dr. Knox
- Optimized data parsing in the back-end, decreasing overall run time for retrieval by 75%
- Developed and engineered book-finding algorithms on the back-end and front-end using PHP and Javascript, Angular, Typescript respectively

LEADERSHIP EXPERIENCE

Association for Computing Machinery, *Secretary, Vice President, President*   May 2020 - Current

HackTCNJ, *Volunteer, Webmaster*   May 2021 - Current

Google Developer Student Club, *Lead, Founder*   Jun. 2020 - Jun. 2021

SKILLS/CERTIFICATION

COMPUTER PROGRAMMING: Java, C++, HTML/CSS, Python, JavaScript, PHP/MySQL, Angular, Typescript, Kotlin, Ruby
TOOLSET: Ionic Framework, Git & Github, Android Studio, Wix, Wordpress, MariaDB, ReactJS, Flask, Bootstrap, Django
CERTIFICATIONS: IE Class Web Design Certification, CISCO IT Certification