Emily Lasecki

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Junior Computer Science student proficient in Java, JavaScript, Python, C, HTML, and CSS. Passionate about applying mathematical concepts to algorithms and finding unique solutions to problems. Eager to contribute technical and leadership skills to real-world software development projects.

Education

Oakland University Class of 2027

· Maintaining a 3.98 cumulative GPA
· Pursuing a Bachelor of Science degree in Computer Science
· Inducted into Alpha Lambda Delta, the Honor Society for first year academic success April 2023

Technical Projects

Campground Reservation Website – Java/HTML/CSS/JavaScript/SQL

· Created a database to store site features and reservation information
· Designed and applied search by desired amenities and date availability
· Implemented user-friendly interfaces and adaptability across devices with media queries
· Applied Scrum methodologies for project management and team collaboration.

Nonogram Counting – Python/Pandas

· Created an algorithm using the principle of inclusion exclusion to count possible nonogram grids
· Exported collected data to Excel using Pandas for data manipulation
· Analyzed and summarized results of calculations and established steps for follow-up projects

Tic-tac-toe – Java

· Created Tic-tac-toe game in Java utilizing inheritance and I/O methodologies

Work Experience

Oakland University – Software Development Intern (August 2024 – Present)

· Create Google Apps Scripts to automate Handshake reporting, student referrals, and Google Forms responses
· Troubleshoot, test, and resolve technical issues with various hardware and software
· Manage and update user information in Handshake for student access and resolve account errors with Handshake Importer
· Oversee and approve Handshake user experiences

Addison Oaks – Parks Assistant (May 2022 – July 2024)

· Managed campground reservations and data entry on RecTrac and WebTrac software
· Provided technical support to patrons, troubleshooted issues, and guided them through WebTrac software functionalities
· Resolved customer complaints and communicated resolutions to supervisory staff
· Instructed new employees on park procedures and protocols

Addison Oaks – Parks Worker (April 2021 – October 2021)

· Earned certification in CPR/AED and first aid from American Safety Health Institute
· Received training in emergency boat rescue procedures
· Handled boat rentals and instructed patrons on safety procedures

Technical Skills

Programming Languages: Java, JavaScript, Python, C, HTML, CSS
Software Applications and Tools: Microsoft Word, PowerPoint, Excel, Git, GitHub, JIRA, Notion, Agile, SCRUM

Honors and Awards

· Oakland University's Department of Mathematics and Statistics Certificate of Merit for Outstanding Academic Achievement 2024
· Oakland University President's List four consecutive semesters 2022 - 2024
· Stellantis Student Award/Scholarship 2023
· Oakland University Stephen Sharf Scholarship 2022