Ali Akturin

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EDUCATION

Oregon State University   **September 2021 - June 2025**
Bachelor of Science, Computer Science   Corvallis, OR
- Dean's List
- GPA: 3.97

PROFESSIONAL EXPERIENCE

Amazon   **June 2024 - September 2024**
Software Development Engineer Intern   Seattle, Washington
- Developed a CRUD scheduler web application using React, TypeScript, DynamoDB, AWS API Gateway, AWS Lambda, and AWS SES to automate session registration, reviewer assignment, and email invitations, saving 20 hours per month.
- Designed and implemented 2 algorithms to automatically assign session reviewers, minimizing the manual effort from 4-5 hours weekly to almost none.
- Enabled a bar raiser program to scale from 3 hours of reviews per week to a projected 10 hours per week by the end of 2024, significantly reducing administrative overhead.
- Utilized Accessible Rich Internet Applications (ARIA) for accessible web design, ensuring the app is inclusive for all users.

Amazon   **June 2023 - September 2023**
Software Development Engineer Intern   Seattle, Washington
- Developed a code analysis tool that efficiently reviews API contract changes using Java and AWS Lambda in 9 weeks.
- Designed and implemented an extensible system for adding filters for the code analysis tool.
- Added 5 filters to the code analysis tool to validate API contract changes

Center for Quantitative Life Sciences at Oregon State University   **May 2022 - March 2023**
Student Researcher   Corvallis, Oregon
- Developed user-friendly websites utilizing MySQL, HTML, CSS, PHP, and other technologies, resulting in improved user experience and engagement.
- Designed and implemented website interface and layout resulting in an 80% increase in user satisfaction.
- Managed and maintained a website, ensuring its availability and functionality, resulting in an uptime of 99.9% and minimal user complaints.

SKILLS

- **Programming Languages:** Python, Swift, C/C++, C#, PHP, SQL, JavaScript/TypeScript, Java
- **Technologies & Frameworks:** Unity, MySQL, Excel, Git, MariaDB, REST API, NodeJS, AWS

PROJECTS

Memorize
Card game for iOS | Swift, iOS
- Completed a project from Stanford's online course in iOS development and added my own features
- Memorize cards, match them, and alternate between different themes

HONORS

- The 2021 ICPC Pacific Northwest Regional Contest State Standing, 2nd Place   **March 2022**
- International Honors College Differential Scholarship   **September 2021**
- Provost's Scholarship for Excellence   **2021 - 2025**
- Crack-It! Business Case Competition, 1st Place   **March 2021**