

Doug Lloyd

 Doug Lloyd |  msi1995 |  lloyd.dg7@gmail.com |  661-916-2753

EDUCATION

Oregon State University

Bachelor of Science, Computer Science

June 2022

Corvallis, OR

- **Awards:** Cum Laude, 8x Engineering Dean's List

EXPERIENCE

Cue Health

Full Stack Software Development Engineer

June 2022 – June 2023

San Diego, CA – Full Remote

- Utilized MERN stack with Typescript as part of core full-stack team. Regular exposure to both frontend and backend work, dealing with core API, UI/UX, data manipulation, telehealth functionality
- Built out functionality to track activity as well as assess inactivity timeout across pages related to live and asynchronous telehealth visits, allowing for more accurate disbursement of pay to healthcare providers
- Built and maintained scripts designed to parse and validate data in production databases, one of which caught a critical data loss event early, preventing significant impact to ~ 250,000 customers
- Assisted in implementing reusable components via Storybook, increasing developer efficiency
- Reworked repository-wide linting rules to increase code coverage and Typescript warning reporting by ~20%
- Creation of written documentation, test plans, unit tests

Oregon State University - Institutional Analytics & Reporting

Developer

May 2021 – June 2022

Oregon State University - Corvallis, OR

- Designed and delivered end-to-end Selenium, Pandas, and Snowflake pipeline, which retrieved and aggregated millions of rows of data for use in cross-departmental applications within SLO
- Co-engineered hybrid AWS environment with VPN tunnel to on-prem resources to serve entities at OSU, eliminating the need for a web server and cutting costs to the University
- Created comprehensive documentation for both new and legacy features that had been left without instructions
- Automated the creation of infrastructure & VMs using Terraform, Ansible, Packer

PROGRAMMING SKILLS

Languages & Tools: TypeScript/JavaScript, Python, C++, SQL/NoSQL, HTML, CSS, MongoDB, Jira

Frameworks: React.js, Express.js + Node.js

Skills: Agile Development, Unit Testing, Version Control Systems, Object Oriented Programming, Windows/Linux

PROJECTS

NBA Game Finder | *React.js, HTML, CSS*

- Engineered SPA leveraging BallDontLie API with React.js, Bootstrap, Material UI
- User can select NBA teams and receive information about games the team played in selected season
- Responsive CSS, mobile friendly, loading animations for user experience

Web Reservation Bot | *Python, Selenium*

- Utilized Python and Selenium to create a bot capable of navigating a multi-page booking process using Chromedriver
- Bot is self-sufficient and can turn itself on/off when left to run in the background by parsing local time and comparing to time listed on booking slots
- Built into an all-in-one executable that contains dependencies such as Chromedriver binaries via Pyinstaller