

# Doug Lloyd

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

## PROGRAMMING SKILLS

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**Languages:** TypeScript, JavaScript, HTML/CSS, SQL/NoSQL, Python, C++

**Frameworks & Tools:** React.js, MongoDB, Express.js + Node.js, Tailwind CSS, Jira, Snowflake, AWS

**Skills:** Agile Development, Unit Testing, Version Control Systems, Object Oriented Programming

## EXPERIENCE

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### Cue Health

June 2022 – June 2023

*Full Stack Software Development Engineer*

San Diego, CA – Full Remote

- Utilized MERN stack with TypeScript as part of full-stack software team, mostly focused on frontend
- 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

May 2021 – June 2022

*Developer*

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

## PROJECTS

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### Teagantails.com | *React.js, Express, MongoDB, Tailwind CSS*

- React SPA built with React, Express + Node.js, and MongoDB
- Testimonial submission through MongoDB Atlas, EmailJS contact forms, animations
- Hooked into Google Analytics for realtime user metrics via react-ga4
- Responsive CSS built with Tailwind CSS

### Python Reservation Bot | *Python, Selenium*

- Utilized Python and Selenium to create a bot capable of navigating a multi-page booking process using Chromedriver
- Built into an all-in-one executable that contains dependencies such as Chromedriver binaries via Pyinstaller

## EDUCATION

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### Oregon State University

June 2022

*Bachelor of Science, Computer Science*

Corvallis, OR

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