Ryan Dallimore

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EDUCATION

University of Oregon   Eugene, Oregon
Bachelor of Science in Computer Science, Bachelor of Science in Music   *Expected December, 2025*
GPA: 3.3

COURSEWORK & TECHNICAL SKILLS

Coursework: Int. Software Engineering, Int. Artificial intelligence, Operating Systems, C/C++ & Unix
Languages: Python, C/C++, JavaScript, HTML/CSS, SQL
Frameworks / Libraries: Flask, React, Node.js, Express.js, Mongodb, MySQL, Bootstrap
Developer Tools: Git, Docker, AWS, VS Code

PROJECTS

Hatchmaps | *React.js, Express.js, Node.js, MySql, Mapbox, Puppeteer, Docker, AWS, Git*   Sept. 2024 – Present
- Developed a full-stack web application that aids fly fishers in selection of fly imitations on popular Oregon water-bodies
- Uses a MapBox interactive map in conjunction with USGS water temperature data scraped with Puppeteer to create location specific insect life-cycle forecasts
- Dockerized client and server files are hosted on an AWS EC2 instance with a SSL certificate from AWS certificate manager, while the MySQL database is managed separately on Amazon RDS
- View at: https://hatchmaps.com, Github: https://github.com/rdallim2/hatchMaps

Astrologger | *Flask, mongoDB, Bootstrap, jQuery, Docker, Git*   July 2024 – Present
- Implemented a REST-ful Flask web application for user storage of astronomical observation logs, primarily to fulfill requirements of observation programs by the Astronomical League
- Features user sign-up and login authentication, AJAX data conversion (zip-code to coordinates, etc..), storage and retrieval of data, packaging of data to be submitted for Astronomical League programs
- Dockerized client and server files follow restful principles for user-specific interactions
- Github: https://github.com/rdallim2/AstroLogger

Metronome | *Python, tKinter, pygame, Git*   April 2024
- Designed and implemented a metronome for desktop using the tKinter python GUI
- Features core functionality of tempo-adjustment, time-signature-adjustment, sound options and time-gap creation
- Github: https://github.com/rdallim2/Metronome-Proj

WORK EXPERIENCE

Food Runner/Busser/Host   April 2024 – Present
Rye Restaurant   *Eugene, Oregon*
- Delivered food and drinks, prepared table setting in a fine-dining environment
- Assisted servers in preparations of drinks, provided menu information and coordinated guest needs with kitchen staff
- Ensured accuracy of front-of-house data such as table turnover in point-of-sale software

General Merchandiser   June 2018 – Apr. 2024
Target   *Eugene, Oregon*
- Maintained and replenished merchandise throughout the store, constructed bicycles, registered guests for loyalty programs
- Member of the store safety team, trained new hires on tasks and responsibilities, as well as store and company policies