

## Sirus Salari

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## Education

**Oregon State University - B.S. in Computer Science**

**GPA: 3.50**

**Relevant Coursework:** Algorithms | Data Structures | Assembly Language and Computer Architecture | Web Development | Databases | Operating Systems | Software Engineering | Open Source Software | Computer Networks | Usability Engineering

**University of California, Irvine - B.A. in Psychology**

**Relevant Coursework:** Cognitive Robotics

**Awards:** Dean's Honor List (5x at UCI, 5x at OSU)

## Projects

**DishFindr** - <https://github.com/sirus-the-beaver/CS361-main-program> | <https://dishfindr-4d3c3b6f3b94.herokuapp.com>

- Built a React.js frontend integrated with TailwindCSS for a responsive and intuitive user experience managing dietary restrictions, ingredient searches, and personalized recommendations
- Developed a Node.js and Express backend serving as the main program and API gateway, orchestrating communication between multiple microservices via RESTful APIs
- Engineered independent microservices for user preferences, recipe recommendations, and wine pairings to enable modular, scalable functionality and domain-specific logic separation
- Implemented secure user authentication and authorization using JSON Web Tokens (JWT) to protect user data and preferences
- Leveraged MongoDB for flexible, scalable storage of user profiles, preferences, and recipe metadata

**Job Tracker** - <https://github.com/sirus-the-beaver/job-tracker> | <https://job-tracker-steel-kappa.vercel.app/login>

- Developed a centralized platform to organize job applications, track statuses, manage networking contacts, and analyze skills required per role, improving user productivity and organization
- Built a dynamic skill management system allowing users to log comfort levels, track skill requirements, and view skill frequency analytics across multiple job applications
- Designed and developed a responsive frontend using React.js for intuitive data visualization and real-time insights on application progress and skill gaps
- Engineered backend RESTful APIs with Node.js and Express.js, interfacing with a MySQL database to efficiently store and retrieve user data and application records
- Collaborated in a team environment to plan, build, and deploy the application, coordinating frontend and backend integration and ensuring secure, scalable architecture

## Skills

**Languages:** Python | TypeScript | JavaScript | x86 Assembly | SQL | CSS | HTML

**Frameworks/Libraries:** Next.js | Flask | Node.js | React | Tailwind

**Databases:** MongoDB | MySQL