

# JEFF HUANG

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## EDUCATION

### Oregon State University

Corvallis, OR

*Bachelor of Science in Computer Science — GPA: 3.71*

*September 2020 - Expected June 2024*

- Clubs & Activities: CTF League, Linux Users Group (WebMaster), Security Club, App Dev Club

## SKILLS

<b>Languages</b>	Javascript, Python, C, C++, x86 Assembly, HTML, CSS, SQL, Dart
<b>Frameworks</b>	React.js, Node.js, Flutter, Vue.js, Next.js, Puppeteer.js
<b>Misc. Tools</b>	Github Actions, Git, AWS (RDS, SAM, EC2, Cloudwatch, S3, etc)

## EXPERIENCE

### UnitedHealth Group (Optum) | *React, Typescript, Java Spring Boot, Azure Cosmos DB*

*June - Aug 2023*

*Software Engineer Intern*

*Irvine, CA*

- Implemented search functionality for an internal website at Optum that keeps track of AI models
- Developed various frontend components using React, including a search bar, search filter checkboxes, and search results page
- Used React Redux and Typescript interfaces to handle complex React state interactions between the search bar input, search filters, and query strings to send to the Java backend
- Wrote unit tests for frontend components using Storybook library, ensuring accessibility and good styling

### Oregon State University Sustainability Office | *Vue.js, Node.js, AWS (RDS, SAM)*

*Dec 2022 - Present*

*Software Engineer Intern | (Remote)*

[github.com/OSU-Sustainability-Office](https://github.com/OSU-Sustainability-Office)

- Implemented a full-stack solution (frontend, backend, webscraper CRON job) for [Energy Dashboard](#) (site tracking energy usage on campus) to automate uploading and displaying solar panel data
- Fixed issue with our frontend data store logic to better handle insufficient amounts of data, and display data better on our solar panel / "Kilowatt Crackdown Campaign" graphs, for Energy Dashboard
- Debugged CORS errors and added wait time to API requests with [Carbon Calculator](#) to fix login / upload
- Oversaw transition of CI pipeline from TravisCI to Github Actions due to limited resources / funding, saving an estimated 10% costs to OSU Sustainability Office monthly

## PROJECTS

### TalkToBeavs (Social Media) | *MongoDB, Express.js, React.js, Node.js*

[github.com/Nyumat/TalkToBeavs](https://github.com/Nyumat/TalkToBeavs)

- Deployed a full stack Giphy API integration feature, allowing users to pick a GIF either a "trending" GIF, or search for a specific GIF by topic. Proxied the Giphy API through our own API to hide the Giphy API key
- Implemented a WebSocket based text chat, sending user information between clients for an intuitive experience
- Improved UX by adding loading spinners where needed to account for asynchronous Redux / MongoDB updates
- Nominated by professor for "Hall of Fame" in CS 494 Advanced Web Development course

### HitRuns | *Next.js, React Bootstrap*

[github.com/solderq35/hitruns](https://github.com/solderq35/hitruns)

- Developed a customized Hitman 3 leaderboard frontend, using data from the speedrun.com API
- Designed mobile-friendly, responsive navbars, and dropdown menus using React Bootstrap
- Features 50% faster loading times and responsiveness than the official speedrun.com site due to streamlining leaderboard features, and caching website requests periodically with [GetStaticProps](#), a Next.js feature