

# REAGAN VU

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## Education

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### University of Washington

*Bachelor of Science in Computer Science and Software Engineering*

Sep 2021 – Present

*Bothell, WA*

### Highline Community College

Sep 2019 – Jun 2021

*Des Moines, WA*

## Projects

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### Package Tracker - Transport Hacks | *TypeScript, Next.js, Tailwind, Mapbox, Firebase, Auth0*

Feb 2023

- Managed a team of three in making a full-stack web application for TransportHacks hosted by Major League Hacking, winning best overall project
- Researched viable shipping companies and their respective tracking APIs to determine feasibility of integration with backend data layer
- Designed and oversaw audiovisual components of project including formal documentation, website presentation, and script writing

### Replayed - Bay Area Hacks | *TypeScript, SvelteKit, Tailwind, Chart.js, Supabase*

Feb 2023

- Collaborated with group of three to make a full-stack web application incorporating quiz, game, and social aspects with real time comment system
- Streamlined website development process by creating prototype for project design using Figma and Excalidraw, implementing UI and UX principles
- Aided in development of PostgreSQL Supabase database schema as well as injecting initial entries to scaffold data architecture

### Procrabstinator - Treasure Hacks | *Astro, Tauri, Next.js, React, Rust, SQLite*

Jan 2023

- Participated with group of three to produce a desktop application that helps users stop procrastinating through encouragement of good habits
- Devised and implemented project schema for SQLite database to structure upcoming tasks and distracting applications
- Designed and oversaw development of video and graphical assets, including presentation and logo, as well as writing documentation

### Ecology Keystone Network - DubHacks | *HTML, JavaScript, Mapbox*

Nov 2022

- Cooperated with four people to develop a web app allowing users to visualize and comprehend the scale of ongoing global ecological calamities
- Served vital role in researching and designing project elements, allowing group to comfortably reach minimum viable product in time constrained environment
- Planned and coordinated group stand-ups in a time pressed environment to ensure effective development workflow and communication

## Technical Skills

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**Languages:** C++, Java, Python, SQL, HTML

**Frameworks:** Markdown, Java Swing

**Tools:** SQLite, Adobe Premier, GIMP, Git, Figma

## Experience

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### SEIU 775 benefits Group

Nov 2020 – Mar 2021

*Individual Provider*

*Renton, WA*

- Provided day-to-day care for patients with disabilities
- Documented medical history of medical care for serviced patients

### Newport Hills Swim and Tennis Club

Jun 2019 – Sep 2019

*Lifeguard*

*Bellevue, WA*

- Collaborated with a team in high pressure situations to ensure patron safety
- Maintained gym equipment and ensured pool chemical levels met OSHA standards

### Kumon Institute of Education

Jan 2019 – Jun 2019

*Academic Tutor*

*Renton, WA*

- Managed and facilitated the learning sessions for kids spanning from elementary to middle school level