

# REAGAN VU

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## Education

### University of Washington

*Bachelor of Science in Computer Science and Software Engineering*

**Sept 2021 – Present**

*Bothell, WA*

## Projects

### Replayed - <https://replayedgg.vercel.app/> | *TypeScript, SvelteKit, Tailwind, Chart.js, Supabase*

**Feb 2023**

- Collaborated to make a full-stack web application that allows users to estimate player skill through challenges, submit their own clips, and interact via a real-time comment system
- Streamlined website development by designing interactive prototypes in Figma, applying UI/UX principles to improve project design efficiency and user experience
- Aided in development of PostgreSQL Supabase database schema as well as injecting initial entries to scaffold data architecture
- Conducted market research and gathered user feedback on existing alternatives to inform project development and understand stakeholder values

### Package Tracker - <https://pack-track.vercel.app/> | *TypeScript, Next.js, Tailwind, Mapbox, Firebase, Auth0*

**Feb 2023**

- Deployed a full-stack web application featuring real-time package tracking, dynamic map visualization, and user rating capabilities, which **won Best Overall Project at TransportHacks 2023**
- Researched viable shipping companies and their respective tracking APIs to determine feasibility of integration with backend data layer
- Addressed various edge cases by conducting comprehensive testing and debugging, ensuring the application's reliability and accuracy

### Procrabstinator - <https://procrabstinator.vercel.app/> | *Astro, Tauri, Next.js, React, Rust, SQLite*

**Jan 2023**

- Developed a desktop application with a hackathon group aimed at combating procrastination by encouraging productive habits, inspired by personal experiences with procrastination
- Built a cross-browser extension by leveraging Mozilla and Google documentation, enhancing the app's capability to notify users of deadlines and discourage distractions
- Designed and implemented an SQLite database schema to manage and store user-submitted tasks and track distracting applications, optimizing data retrieval and organization
- Created responsive and accessible user interfaces using browser developer tools and screen reading emulators, ensuring the application remains user-friendly across various screen sizes and meets accessibility requirements

## Technical Skills

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

**Frameworks:** Markdown, Java Swing

**Tools:** SQLite, Git, Figma

## Experience

### SAARE Property Manager Inc.

*Property Manager*

**Jul 2023 – Present**

*Renton, WA*

### SEIU 775 Benefits Group

*Individual Provider*

**Nov 2020 – Mar 2021**

*Renton, WA*

### Newport Hills Swim and Tennis Club

*Lifeguard*

**Jun 2019 – Sept 2019**

*Bellevue, WA*

### Kumon Institute of Education

*Academic Tutor*

**Jan 2019 – Jun 2019**

*Renton, WA*