

Duncan Krey

Seattle, WA | duncrob@uw.edu | [Linkedin](#)

Looking to utilize my frontend development skills in a professional setting

EDUCATION

University of Washington – GPA: 3.71, Dean's List (6 quarters)

Informatics – Focus on Human-Computer Interaction

Graduating June 2023

Seattle, WA

RELEVANT COLLEGE COURSEWORK

Client-Side Development, Server-Side Development, Web Programming, Data Structures and Algorithms, Relational Databases and Data Modeling (SQL), Mobile iOS Development, Data Analysis Using Python, Information Ethics and Policy

SKILLS

- Technical Skills: JavaScript, React, HTML/CSS, REST APIs, Java, SQL, Python, Swift, R
- Microsoft Office: Excel, PowerPoint, Word, Forms
- Platforms and Tools: VS Code, RStudio, Git, XCode, Node.js, Bootstrap, Bulma

EXPERIENCE

Frontend Developer, NEXUS UW

October 2022 – Present

- Programming dynamic React components for a student hub, facilitating local project discovery. **Seattle, WA**
- Implementing user feedback to enhance style and functionality, optimizing user experience.
- Collaborating with the design team to bring the website to life through a fusion of design and functionality.
- Ensuring smooth frontend-to-database connection by working closely with the backend team.

Teaching Assistant, UW Information School

September 2022 – Present

- Delivering weekly instruction to a cohort of 25-30 students on information systems and design. **Seattle, WA**
- Collaborating with a dynamic teaching team to craft innovative course material and class organization.
- Providing comprehensive support by addressing student inquiries regarding course content and logistics.

Research Assistant, AI Literacy

October 2021 – April 2022

- Developed a web app that teaches coding, leveraging JavaScript and React framework. **Seattle, WA**
- Collaborated with a team of 2 developers to create a Wizard of Oz app for testing.
- Engaged in insightful discussions on AI literacy with families and children, gaining deeper stakeholder understanding.
- Executed impactful community-based research with families, focusing on AI literacy for valuable insights.

Social Chair, Alpha Theta Delta

February 2022 – March 2023

- Orchestrated social events, fostering a tight-knit brotherhood through careful planning and management. **Seattle, WA**
- Developed comprehensive event plans, long-term deadlines, and logistics for executive board evaluation.
- Spearheaded external events and forged partnerships, driving fraternity expansion and outreach efforts.

SELECTED PROJECTS

HEART - Senior Capstone

January 2023 – May 2023

- Developed a cutting-edge mobile web app empowering UW students to showcase their creative work and process.
- Spearheaded the end-to-end development of a full-stack application, leveraging JavaScript, React, and Firebase for robust database management.
- Collaborated with a PM and design team, ensuring on-time delivery of a product in alignment with the original design.

On-Demand Travel

January 2021 – March 2021

- Developed a robust full-stack web application utilizing JavaScript, React, and Firebase, securely managing user data.
- Collaborated with a team of 3 developers to deliver an online trip-planning service, offering virtual travel experiences.
- Engineered a versatile and inclusive UI, ensuring seamless accessibility across various devices.