Duncan Krey

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Recent graduate looking to utilize my frontend development skills in a professional setting

EDUCATION

University of Washington – *GPA: 3.73, Dean's List (6 quarters)*   **Graduated June 2023**
Informatics – Focus on Human-Computer Interaction   **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
- Platforms and Tools: VS Code, RStudio, Git, XCode, Node.js, Next.js, Bootstrap, Tailwind CSS

EXPERIENCE

Frontend Developer, NEXUS UW   **October 2022 – June 2023**
- Programmed dynamic React components for a student hub, facilitating local project discovery.   **Seattle, WA**
- Implemented user feedback to enhance style and functionality, optimizing user experience.
- Collaborated with the design team to bring the website to life through a fusion of design and functionality.
- Ensured smooth frontend-to-database connection by working closely with the backend team.

Teaching Assistant, UW Information School   **September 2022 – June 2023**
- Delivered weekly instruction to a cohort of 25-30 students on information systems and design.   **Seattle, WA**
- Collaborated with a dynamic teaching team to craft innovative course material and class organization.
- Provided 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.