

Katharina Reimer

Enthusiastic Developer searching for SWE internships and full-time roles.

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SKILLS

Languages: C/C++, C#, CSS, Go, **Java**, JavaScript, Kotlin, **Python**, Ruby, Rust, SQL, **Swift**, **TypeScript**

Frameworks: AngularJS, Bootstrap, Kubernetes, **React**, Spring, Vue.js

Other: Figma, Git, jQuery, Linux, MySQL, Node.js, PostgreSQL, pandas, scikit-learn, Shadow, Unity

EDUCATION

B.S. Applied and Computational Mathematical Sciences

Expected Graduation: **December 2025**

University of Washington – *Seattle, WA*

GPA: 3.62

Extracurriculars: UW Womxn's Rugby Club (Varsity Player), Software Engineering Career Club (Member), Husky Math Club (Officer)

Relevant Coursework: Introduction to Database Systems (CSE 414), Programming Languages & Implementation (CSE 413), Intermediate Programming Concepts And Tools (CSE 374), Data Structures & Algorithm Design (CSE 373)

PROJECTS

PageByPage | *Lead Developer*

July 2024–Present

- Collaborated on a **cross-functional team** to develop an iOS app to find, log, and review books.
- Utilized **Google Cloud Platform** for end-to-end development and **Firebase Firestore** databases to process user data, accessing book information from the Google Books API.
- Developed app with **Swift** and **SwiftUI**, releasing the app for beta testing on the iPhone app store.
- Conducted user research to ensure high customer value and accessibility compliance.

Job-Bob | *Frontend Developer and UI/UX Designer*

April 2024

- Conducted frontend development and product design on a **Next.js** web application giving job searchers a friendly assistant to scan their resumes and offer local opportunities and courses.
- Led team of students using **Figma** for design and **Next.js** for implementation in the UWB Hacks AI.

Bit Connect | *Backend Developer*

January 2024

- Led backend on a **Java** social networking application aimed to connect students in person using location data and filtered matches between users based on fields of study and interests.
- Teamed with students using **Figma** to design the app prototype in the WINFO Hackathon.
- Drafted the source code with **JVM** and **Gradle**, and created the program with **Swift**.

Machine Learning Capstones | *BYJU's FutureSchool Student*

August 2020 – November 2022

- Excelled in a weekly online **Python** training program of 200+ sessions with accompanying projects, exceeding in **machine learning** and **data modeling** techniques.
- Mastered **data cleaning/visualization** and statistical representation techniques through over 100 hands-on data science and analysis projects with large datasets from various sources.
- Gained coding experience and deepened knowledge of over 10 machine learning models, such as Linear/Logistic Regression, Random Forest Classifier, and Fast Fourier Transformations.

WORK EXPERIENCE

Full Stack Developer | *PeakMind*

March 2024–April 2024

- Collaborated to create a gamified mental health app with **Swift** aimed at giving users accessible and friendly resources, using **AI**, **NLP**, and gaming to offer personalized recommendations.
- Honed communication skills and time management, working on a team of 7 to deliver on a fast-paced **software development cycle**, earning top spots in various app design competitions.
- Spearheaded a feature to track users' mental health data to give users custom plans using **machine learning** to analyze the large data set and use various psychology sources to give accurate feedback.