

Sam Kim

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EDUCATION

Washington University in St. Louis

Expected May 2023

B.S. **Computer Science and Economics**, Minor in **Marketing**

SKILLS

Languages

> Java > JavaScript > HTML/CSS
> C/C++ > Python > Swift

Technologies

> Django > Material UI > Docker
> React.js > Firebase > Vue.js

EXPERIENCE

Microsoft | Redmond, WA

May 2022 – Aug 2022

Software Engineering Intern

> Will work at Microsoft during the Summer of 2022 as a Software Engineering Intern.

WashU DevSTAC | St. Louis, MO

Nov 2021 – Present

Student Software Developer

> Developed *Fund Kill*, a web app that is currently being used in a real Washington University business course to teach students about investments and exit strategies.
> Utilized React Native to help develop a cross-platform mobile application currently being used at the Washington University Medical Center that assists doctors in detecting strokes in patients.

Capital One | Richmond, VA

Jun 2021 – Aug 2021

Software Engineering Intern

> Built an HR operational dashboard using Vue.js and Django as part of the Enterprise, Data, and Machine Learning team at Capital One. The dashboard will be used by more than 200 HR employees.
> Developed a slack chat bot that will promote Diversity, Inclusion, and Belonging within Capital One's working culture.

Tripwire | Alpharetta, GA

Feb 2021 – May 2021

Software Engineering Intern

> Collaborated closely with senior engineers to develop and test security software suites.
> Implemented features that improved user experience such as Dark Mode and drag-and-drop modules.

PROJECTS

Memorize

Oct 2021

Built with: Swift

> Created a card matching game for iOS using Swift and XCode.
> Leveraged the MVVM architecture and various techniques in functional programming.

Ray Tracer

July 2021-Present

Built with: JavaScript

> Wrote a Ray Tracer from scratch using JavaScript.
> The Ray Tracer can currently render specular reflections, diffuse reflections, shadows, and refractions.

Rate My Dining Hall

Dec 2020 - Present

Built with: Django, React

> Built web app for students to rate the quality of the food scenes around their campuses.
> Created RESTful APIs using the Django Rest Framework.