

# Ethan Kam

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Github: <https://github.com/ethan1234k> - Personal Website: <https://ethankam.com>

## Education History

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**University of Washington - Seattle, WA**  
Bachelor of Computer Science

Expected Graduation: June 2024  
GPA: 3.94 Overall - Dean's List

## Work Experience

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Software Engineer Intern | *Smartsheet*

June 2022 - September 2022

- In App User Education Team, project to be determined.

Undergraduate Research Assistant | *SEAL Research Lab*

September 2021 - January 2022

- Implemented Google Analytics to track usage metrics for the technical writing library platform ECOS.
- Worked with fellow team members to merge and review code and branches in git.

## Projects

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Founder | *Spogo*

May 2021 - August 2021

- Developed a shareable link-in-bio to help athletes monetize off their name, image, and likeness.
- Decreased bandwidth costs by 90% by optimizing video downloading on render, and added video thumbnails and efficient streaming.
- Placed in the top 10% in Y Combinator's winter 2022 startup batch.
- Queried Firestore's noSQL Database to fetch a user's profile information based on parsing profile URL.

Personal Blog

August 2021 - September 2021

- Utilized inner HTML stored in DynamoDB (AWS) to give each blog different formats, layouts, images.
- Defined custom queries in GraphQL to only fetch necessary data when displaying blogs.

NFT Marketplace | *Moralis + Avalanche Hackathon*

December 2021 - January 2022

- Developed a smart contract in Solidity that allows users to list, buy, and sell their NFT's.
- Enabled user minting of ERC721 compliant NFT's using smart contracts and IPFS storage.
- Built on Ethereum, using Metamask for authentication and Moralis Speedy Nodes for access.

Net Scorekeeper

January 2021 - April 2021

- Used a recycler view to let users keep track of board game scores in a dynamic, scrolling spreadsheet.
- Wrote and read game content from local files to allow users to save and resume previous games.
- Used Android Studio fragments and Object-Oriented design to optimize code and performance.

## Technical Skills

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Languages: Java, JavaScript, Python, SQL, Kotlin, TypeScript, Solidity, HTML/CSS, GraphQL.

Libraries & Frameworks: React, React Native, Spring Boot, MySQL, Hibernate, JUnit.

Tools & Technologies: AWS, Git, Firebase, Docker, Android Studio, Redux, MongoDB.

## Awards and Scores

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National Merit Scholarship Finalist

(2020)

SAT - 1550 (800 Math, 750 Evidence-Based Reading and Writing)

(2020)