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Bellevue WA 98004

# JOSHUA A. KIM

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## EMPLOYMENT

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**Student Researcher** **UW Medicine** **July 2022 - Present**

- Worked with a team of doctors, data scientists, and economists to analyze causes of health inequities
- Utilized **R** to analyze data, from cleaning to modeling, facilitating informed decision making
- Authored 3 abstracts, serving as first author on one
- Presented findings at poster session at national healthcare conference

## PROJECTS

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**Automated Healthcare Pre-Authorization Solution** **Sept 2023 – Present**

- Worked with a team of 4 developers to **leverage ML** to ease administrative burden for physicians
- Utilized **Whisper API** to track conversations between patients and doctors
- Utilized **large language models** to pull keywords from the conversations
- Developed a website using **HTML/CSS, Python** and **Flask**, allowing for easy functionality for physicians
- Developed during HopHacks, an annual **hackathon** hosted by Johns Hopkins University

**Productivity Mobile App** **Sept 2022 – Present**

- Developed a mobile application to help users track and work towards their goals
- Implemented using **SwiftUI** and the **Xcode** code editor
- Utilized object-oriented programming principles to create a modular and reusable code base
- Used Firebase for data storage, account management, and secure authentication
- Used **Git** and **Github** for version control

## EDUCATION

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**Baltimore, MD** **Johns Hopkins University** **Aug 2023 – Present**

- B.S in Computer Science
- Relevant Coursework: **Data Structures**, Discrete Math, Probability and Statistics for Life Sciences

**Seattle, WA** **University of Washington** **Sept 2022 – June 2023**

- B.S in Computer Science, In-major GPA: 3.82
- Relevant Coursework: **Database Systems**; Linear Algebra; Differential Equations; Calculus III

## ACTIVITIES

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### Husky Stringing

- Established a successful on-campus tennis racket stringing service catering to college students
- Generated \$4500 within the first 6 months of operation
- Effectively managed and maintained inventory for various types of tennis strings
- Fostered strong client relationships through timely communication and exceptional customer service

### Competitive Programmer

- Placed in the top 16.2% in round H of Google Kickstart competition
- Consistently placed in top 10% in several CodeForces competitions

## AWARDS

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- **Dean's List:** Made dean's list in fall and winter quarter of 2022-2023 school year
- **Peer Reviewed Publication:** Unlearning in health systems article published to peer reviewed medical journal

## LANGUAGES AND TECHNOLOGIES

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- Java; Flask; Python; Swift; SQL; HTML/CSS; JavaScript
- Visual Studio; Eclipse; Microsoft Azure; XCode; Git; Github; R Studio