

Philip Kim

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WORK EXPERIENCE

DATA ANNOTATION

REMOTE

Software Engineer - AI Trainer

February 2024 - Present

- Developed and crafted sample prompts for AI models, focusing on code and coding topics to enhance training data
- Conducted comparative analysis of AI models by evaluating their responses to over 350 user prompts, focusing on accuracy and adherence to instructions
- Executed projects involving extensive research on various coding topics, ranging from simple Python code to debugging complex Golang projects, to support the evaluation and comparison of AI models

ALARM.COM

Boston, MA

Software Engineer - Android

June 2022 - March 2023

- Collaborated with multiple departments to implement enhancements as part of the emPower Connected Car team
- Converted several Java classes in our codebase to Kotlin and created unit tests to ensure no functional changes in our client-side deserialization procedure, where we parse XML attributes from the backend
- Implemented a QR code scanner that sent data to our back-end that allowed users to set up their devices, which created an efficient and user-friendly interface to draw in new users
- Designed and implemented a seamless interface that utilizes geolocation to allow users to see if their Connected Car vehicle is at home or on-site which was a long-awaited addition to our Cars feature

YERBBA

Ann Arbor, MI

Data Analyst

July 2021 - January 2022

- Analyzed historical healthcare data to learn data patterns and compose PostgreSQL scripts for reformatting data into valid FHIR format to be uploaded to the clients' FHIR servers
- Assembled and configured NiFi flows to automate the ingestion, validation, and uploading processes of incremental healthcare data for clients throughout the nation
- Communicated with clients daily to ensure valid FHIR data was being uploaded before the deadline

PROJECTS - full list at pgk1216.github.io

3MORE

2023

- Developed the mobile app using React Native, demonstrating proficiency in cross-platform mobile development
- Leveraged the Expo platform to streamline the development and deployment process for more efficient workflow
- Designed and implemented a cohesive Firebase ecosystem, encompassing a well-structured data model, user authentication, and a real-time database that ensures seamless user experience with instantaneous data updates

CORNER CUTS

2023

- Developed a fully functional appointment booking web application using Node.js, React, and REST API
- Integrated REST API to enable real-time data exchange between the front-end and back-end, improving application performance and usability and utilizing environment variables to enhance the security of database credentials

EDUCATION

UNIVERSITY OF MICHIGAN | College of Literature, Science, and the Arts

Graduated: April 2022

Major: Computer Science

Courses Taken: Data Structures and Algorithms, Introduction to Computer Organization, Database Management Systems, Foundations of Computer Science, Introduction to Computer Security, UserInterface Development, Human-Centered Software Design and Development

SKILLS

- **Proficient:** Java, Kotlin, C, C++, HTML/CSS, Javascript, Python, Git, BitBucket, Node.js, React.js, React Native
- **Experience with:** PHP, Django, Vue.js, C#, PostgreSQL, Heroku, Next.js, Tailwind, Golang, MongoDB, Firebase