



Matthew Kim

Software Engineer



Education

2016-09 -
2020-05



Johns Hopkins University

Bachelor of Science - Computer Science
Minors - Mathematics, Economics



Experience

2018-06 -
2018-08



Upcoming Product Management Intern

Signal

2018-01 -
present



Back-End Developer

MedHacks

- Working on creating user login and registration on the organization's website for thousands of applicants
- Streamlining acceptance and reimbursement process by storing user information on our own database

2018-01 -
present



Growth Intern

Hop.in

- Designing a Case Study to be implemented in a production environment within a JHU Website which can benefit the most from AI chatbot technology
- Training the chatbot NLP model with the corresponding "knowledge set"
- Meeting with clients to provide Key Performance Indicators and analytics to assess Case Study

2017-09 -
2017-12



Computer Science Research Assistant

Johns Hopkins University

- Identified bugs within android mobile applications that cause disruptive app behavior, especially pertaining to wake locks
- Wrote analyzation reports of certain android applications detailing app utilities, source of bugs, and potential triggers

2017-06 -
2017-08



Website Development Intern

UMB Dental School

- Placed in charge of redesigning and organizing all faculty pages in the website using the Terminal Four web management system
- Assisted in creation of new web pages and organization of online content to attract potential University donors

2017-05 -
2017-06



UI/UX Intern

Vision Interchange

- Utilized Shopify E-Commerce platform to assist in designing the startup's current market website
- Aided in the marketing campaign with studio product photography content



Projects



HQ-Bot

- Helper for the HQ Trivia application, utilizing QuickTime for phone mirroring, Tesseract OCR for text translation, and Google Custom Search API for results, and is correct on average 80% of the time



TutorMe

- iOS and Android mobile application built with the Ionic Framework that gives students a social media platform for collaborative learning



Personal Info

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Github

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Languages

Java

C/C++

HTML

CSS

Javascript

Python

XML



Tools/Frameworks

Git

Valgrind

JUnit 4

Ionic

Firebase

Android Studio

Linux



Courses

Data Structures

Intermediate Programming

User Interfaces and Mobile Applications

Introductory Programming in Java

Computer System Fundamentals

Discrete Mathematics

Calculus III

Elements of Macroeconomics

Elements of Microeconomics

Introduction to Business