# Matthew Kim

Software Engineer

## Education

**2016-09 - 2020-05**

### Johns Hopkins University

Bachelor of Science - Computer Science

Minors - Mathematics

## Experience

**2018-06 - 2018-08**

### Upcoming Product Management Intern

Signal

**2018-02 - present**

### Software Engineering Intern

Homies

• Developing a **web application** to assist people find roommates

**2018-01 - present**

### Back-End Developer

MedHacks

• Working on creating user login and registration on the organization's website for **thousands** of applicants

• Creating a **database** to streamline the acceptance and reimbursement process

**2018-01 - present**

### Growth Expert

Hop.in

• Designing a Case Study to be implemented in a production environment within a 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

• Redesigned and organized **hundreds** of faculty member bios 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**

https://github.com/matthewsmkim1

**LinkedIn**

https://www.linkedin.com/in/matthew-kim-941170142

## Languages

Java

C/C++

Javascript

Python

HTML/CSS

XML

## Tools/Frameworks

Git

Valgrind

JUnit 4

Ionic

Bootstrap

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