



# 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

### Address

1700 Saddleridge Ct  
Washington IL 61571  
USA

### Phone

667-229-9219

### E-mail

matthew.sm.kim1@gmail.com

### Personal Website

<http://matthewkim.me>

### Github

<https://github.com/matthewsmkim1>

### LinkedIn

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



## Languages/Tools

Java

C/C++

HTML

CSS

Javascript

Python

XML

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