

# Matthew Kim

<http://matthewkim.me>

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## EDUCATION

### Johns Hopkins University

B.S. IN COMPUTER SCIENCE

MINOR IN MATHEMATICS

Baltimore, MD | Expected May 2020

## Languages

Java • Python • C • C++ • Javascript •  
Swift • HTML5 • CSS • XML

## Tools/Frameworks

Django • Ionic • Bootstrap • Git • Valgrind  
• JUnit4 • Android Studio • Xcode • Unity •  
L<sup>A</sup>T<sub>E</sub>X • Agile • Scrum • TERMINALFOUR •  
Linux

## Databases

Firebase • SQLite • PostgreSQL

## COURSEWORK

Algorithms • Data Structures • Object  
Oriented Software Engineering • Databases  
• Intermediate Programming • Computer  
System Fundamentals • User Interfaces and  
Mobile Applications • Virtual Reality App  
Development • Introductory Programming in  
Java • Discrete Mathematics • Linear  
Algebra • Calculus III

## LINKS

*Personal Website:*

<http://matthewkim.me>

*Github:*

<https://github.com/matthewsmkim1>

*LinkedIn:*

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

## INTERESTS

Piano • MMA • BJJ • Chess • Lifting •  
Rubik's Cubes • Hip Hop • Classical Music  
• Anime

## EXPERIENCE

### SIGNAL | PRODUCT MANAGEMENT INTERN

June 2018 - Present | Chicago, IL

- Will work closely with the product and engineering teams on the technical development and launch of new features for Signal's platform

### MEDHACKS | FULL-STACK ENGINEER

January 2018 - Present | Baltimore, MD

- Created the application system using Django and SQLite for the organization's thousands of applicants, and successfully transitioned from using typeforms
- Streamlined the acceptance and travel reimbursement process and decreased approval process time by 5x

### HOMIES | SOFTWARE ENGINEERING INTERN

January 2018 - Present | Baltimore, MD

- Managing and developing with a team of five developers a web application that will function similar to the mobile application in assisting people find roommates, but will be focused on and designed specifically for college students
- Implemented using the Django framework, alongside Firebase for our database

### JOHNS HOPKINS UNIVERSITY | COMPUTER SCIENCE RESEARCH ASSISTANT

September 2017 - December 2017 | Baltimore, MD

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

### UMB DENTAL SCHOOL | WEBSITE DEVELOPMENT INTERN

June 2017 - August 2017 | Baltimore, MD

- Redesigned and organized hundreds of faculty member biographies in the university's website using the TERMINALFOUR web-management system
- Assisted in creation of new web pages and online content to attract potential University donors

### VISION INTERCHANGE | UI/UX INTERN

June 2017 - August 2017 | Baltimore, MD

- Utilized Shopify E-Commerce platform to design the current market website
- Aided in the marketing campaign with studio product photography content

## PROJECTS

### HQ-BOT | DEVELOPER

February 2018

- Helper bot for the HQ Trivia application with 80% average accuracy
- Utilized QuickTime for phone mirroring, Tesseract OCR for text translation, and Google Custom Search API for querying and results

### IDK | BACK-END DEVELOPER

January 2018 - May 2018

- Android social media mobile application that connects friends and simplifies polling about everyday topics