# Matthew Kim

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## EDUCATION

**Johns Hopkins University**
B.S. IN COMPUTER SCIENCE
MINOR IN MATHEMATICS
MINOR IN ENTREPRENEURSHIP & MANAGEMENT
Baltimore, MD | Expected May 2020

## LANGUAGES

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

## TOOLS/APPLICATIONS

Git • Valgrind • JUnit4 • Android Studio • Xcode • IntelliJ IDEA • LaTeX • TERMINALFOUR • DigitalOcean • Postman • JIRA • Linux • NumPy • Pandas

## FRAMEWORKS

Django • Flask • Bootstrap • Agile

## DATABASES

Firebase • SQLite • MySQL

## COURSEWORK

Algorithms
Data Structures
Artificial Intelligence
Object Oriented Software Engineering
Intermediate Programming
Computer System Fundamentals
Computer Networks
User Interfaces and Mobile Applications
Blockchains and Cryptocurrencies
Python for Data Science Applications
Virtual Reality App Development
Discrete Mathematics
Probability & Statistics
Calculus III

## LINKS

*Personal Website:*
http://matthewkim.me
*Github:*
https://github.com/matthewsmkim1
*LinkedIn:*
https://www.linkedin.com/in/matthew-kim-941170142/

## EXPERIENCE

### AMAZON | UPCOMING SOFTWARE DEVELOPMENT ENGINEER INTERN
June 2019 – August 2019 | Seattle, WA
- Future Software Development Engineer Intern for Amazon

### MEDHACKS | TECH-TEAM LEAD
January 2018 – Present | Baltimore, MD
- Reformed the organization's website from being a static website using Google Forms for applications, to a fully functional **dynamic website** with account creation, login/registration, travel reimbursement, team registration, and an application portal
- Led a team of 8 engineers to streamline the acceptance and travel reimbursement process, and greatly decreased approval process time
- New website received **tens of thousands** of views since creation, and garnered over **3000 users** in the first 5 months since launch

### SIGNAL | PRODUCT MANAGEMENT INTERN
June 2018 – August 2018 | Chicago, IL
- Wrote project specifications and code to map **tens of millions** of client user IDs to our vendor IDs before transferring data from clients such as **Sony, EA, and McDonalds**
- Located discrepancies in our main internal product when onboarding data, then created epics and associated stories to transform the application to be more client facing in its transition to a self-servicing product
- Created several **JIRA** product boards to assist product managers and developers analyze what stories need to be completed in current and future sprints

### UNIVERSITY OF MARYLAND | WEBSITE DEVELOPMENT INTERN
June 2017 – August 2017 | Baltimore, MD
- Redesigned and organized **hundreds of faculty** member biographies in the university's dental school website using the TERMINALFOUR web-management system
- Created new web pages and online content to attract potential University donors

### JOHNS HOPKINS UNIVERSITY | COMPUTER SCIENCE RESEARCH ASSISTANT
September 2017 – December 2017 | Baltimore, MD
- Identified and tested code 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

## PROJECTS

### HQ-BOT | DEVELOPER
February 2018
- Helper bot for the HQ Trivia game application with **75% accuracy** for questions
- Utilized QuickTime for phone mirroring, Tesseract OCR for image to text translation, and Google Custom Search API for querying and results