

Matthew Kim

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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/Applications

Git • Valgrind • JUnit4 • Android Studio •
Xcode • Unity • L^AT_EX • TERMINALFOUR •
DigitalOcean • Linux

Frameworks

Django • Ionic • Bootstrap • Agile • Scrum

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
• Reading

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 DEVELOPER

January 2018 – Present | Baltimore, MD

- Reformed the entire organization's website from being a simple static website, to a **fully functional dynamic website** with account creation, login/registration, and an application system implemented with Django and SQLite
- Designed and implemented the application front-end using HTML/CSS and Bootstrap
- Streamlined the acceptance and travel reimbursement process, and decreased approval process time by **5x**, and garnered **thousands of users**

HOMIES | SOFTWARE ENGINEERING INTERN

January 2018 – Present | Baltimore, MD

- Managing and developing with a team of five developers to create a web application that will function similar to the mobile application (with **thousands of current users**) in assisting people in finding roommates, but designed 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 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

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 the 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