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

TOOLS/APPLICATIONS

Git • Valgrind • JUnit4 • Android Studio • Xcode • IntelliJ IDEA • LATEX • TERMINALFOUR • DigitalOcean • Postman • Jira

FRAMEWORKS

Django • Ionic • Javalin • Bootstrap • Agile

DATABASES

Firebase • SQLite • PostgreSQL

COURSEWORK

Algorithms • Data Structures • Object Oriented Software Engineering • Intermediate Programming • Computer System Fundamentals • User Interfaces and Mobile Applications • Virtual Reality App Development • Introductory Programming in Java • 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/

INTERESTS

Piano • Entrepreneurship • Chess • Boxing • Rubik's Cubes • Hip Hop • Classical Music • Reading

EXPERIENCE

MEDHACKS | BACK-END DEVELOPER
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
- Streamlined the acceptance and travel reimbursement process, and decreased approval process time by **5x**
- New website received **tens of thousands** of views since creation, and garnered over **3000 thousand users** in the first 6 months since launch

SIGNAL | PRODUCT MANAGEMENT INTERN
June 2018 – September 2018 | Chicago, IL
- Wrote project specifications/code for a new tool to map **tens of millions** of client user IDs to our vendor IDs in order to simply the process of onboarding data
- 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 the current sprint

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
- Created new web pages and online content to attract potential University donors
- Organized the school's database of **thousands** of pictures/events for future lookup

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