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DAVID KONG

EDUCATION

Ann Arbor, MI   **University of Michigan**   **Sep 2014 – Dec 2017 (exp.)**

- Computer Science, B.S. I GPA: 3.81
- Completed: EECS 281 (Data Structures & Algorithms), EECS 370 (Computer Organization), EECS 388 (Computer Security)
- In Progress: EECS 376 (Foundations of Computer Science), EECS 482 (Operating Systems)

EXPERIENCE

Square, Inc.   **Software Engineer Intern**   **May 2016 – Aug 2016**

- Built a new iOS Today extension, encompassing UI, data management, and lifecycle control
- Expanded parsing algorithms for multiple recipients, and introduced flexible tokenization rules
- Refactored Obj-C classes into Swift, and fixed bugs in animation and auto search frequency

ForeSee   **Software Engineer Intern**   **May 2015 – Aug 2015**

- Developed python database scripts to efficiently cleanse, parse, and process data
- Optimized calls to AlchemyAPI, ultimately cutting number of transactions by 20%

Orbeus   **Software Engineer Intern**   **Jul 2014 – Aug 2014**

- Created a Google Glass app, implementing ReKognitionAPI's image detection and analysis

Answers.com   **Software Engineer Intern**   **Jun 2013 – Aug 2013**

- Designed + developed card-based UI in Android app search, settings, and about pages
- Wrote + managed 200 test cases, ensuring a 4+ star rating after 100,000+ downloads

PROJECTS

OutsideHelp (July 2015)

- Developed a web app in which users can submit medical requests and first responders can order by priority, geolocate, and provide relief. Built with Google MDL, Socket.io, CouchDB.
- Honorable Mention at OutsideHacks '15, out of 80 teams I http://bit.ly/1KBQObI

Pint (Jan 2014)

- Co-developed an Android app that grabs gorgeous images from Pinterest with a user inputted board, user, or search query, and instantly creates a beautiful live wallpaper.
- Made at HackTech '14 I http://bit.ly/1VOpihs

Routr (Jun 2013)

- Implemented a scenic Android mapping app with Intel Cloud Services/Google Maps APIs
- Intel grand prize winner at AngelHackSV '13, out of 100+ teams I http://bit.ly/1Db3TsM

LANGUAGES AND TECHNOLOGIES

- Android, C++, iOS, Java, Objective-C, Python, Swift

ORGANIZATIONS

- **MHacks Hackathon** (logistics): Organize admissions, food, safety, venue, and entertainment
- **Engineering Student Government** (student affairs): Manage social events, scholarships, student concerns, professor relations, and academic standards