

MICHAEL ALAN HUFF

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WORK EXPERIENCE

Android Engineer | Samsung Accelerator

August 2014 – Present

Involved in all areas of the accelerator team's Android application.

- Implemented a robust architecture including Java.rx, okhttp + retrofit, butterknife, picasso, dagger, otto, and cupboard.
- Implemented several custom interaction patterns and custom views within the app.
- Managed releases to Beta Testers through Crashlytics with different build flavors.

Software Engineer | Griot

December 2012 – May 2014

Worked as consultant for many different size companies and projects. Worked on delivering production-ready front-end and back-end code on time and under budget.

- LEEDIR: A media upload service for the LASD. Managed media uploading and device hardware interfacing.

Playstore link: play.google.com/store/apps/details?id=com.leedir

- Boom Mobile Money: Banking app for Android devices. Led implementations for several form flows including registration, transaction activities, and the 'load/share money' pages.

Playstore link: play.google.com/store/apps/details?id=com.useboom.android

- Teachscape: Enterprise java app. Worked in the core development team leading iteration features as well as contributing to bug fixing SWAT team. Helped mentor junior developers in front-end best practices.

EDUCATION

CodePath Android Bootcamp, San Francisco, California, 2014

Completed the 8 week intensive Android development course. Produced 6 projects dealing with core Android concepts. Final project was kARTography, an app that helps users map and locate graffiti or street art around their city. Playstore Link: play.google.com/store/apps/details?id=kartography.app

Coe College, Cedar Rapids, Iowa, 2007 - 2011 B.A. in Mathematics, Physics, and Asian Studies with a minor in Religious studies.

Final Year Project: Led analysis of Gas Cherenkov Detector data with the purpose of determining the D-T branching ratio.

SKILLS & STRENGTHS

• Software Engineering. Past projects:

- **Selfies4Reform** – Android app for Fwd.us. Playstore link: play.google.com/store/apps/details?id=com.fwdus.selfies4reform
- **Misc. Android apps** - ToDo List, Tip Calculator, Google Image Searcher, Twitter Client.
- Stand alone web app for NYC school system
- Java Backend and HTML/HTML5 front-end for Reflect, Leapfrog, and Focus products from Teachscape.

• Languages & Technologies:

- Java, JavaScript, JQuery, HTML/CSS, SQL, Git, Unix.

• IDEs:

- Android Studio, Eclipse, IntelliJ, Sublime Text

• Agile tools

- Jira, Pivotal, and Trello.

• Communication/Leadership Skills:

- Griot's Party Planning Commissioner for '13-'14
- Representative for the ECE Department in the Davis Graduate Student Association
- Coe College Writing Center Consultant '07 to '11: a competitive position which is held by students to assist their peers in writing/editing both creative and technical pieces.
- Coe College Math club president '08 to '09: Held weekly meetings and organized Pi day, Annual Rubik's Cube workshop, and Winter Book Club.

AWARDS & COMMUNITY

- **Scholarships and Honors:** Carver Research Scholar (07), Coe Trustee Scholarship (07-11), Coe Science Scholarship (07-11), Coe Writing Scholarship (07-11), Society of Physics Students Leadership Award (10) UC Davis First Year Graduate Fellowship (11) (a full tuition and fees fellowship)
- Hobbies include bouldering, juggling, fire spinning, and hacking on side projects.