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 development.

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

Software Engineer • Grio
December 2012 - May 2014

Delivered production-ready front-end and back-end code on time and under budget for a diverse customer base.

- **LEEDIR:** A media upload service for the LASD. Managed media uploading and device hardware interfacing.
  Playstore link: http://goo.gl/XOB3Hf
- **Boom Mobile Money:** Banking app. Led development for form flows including registration, transaction activities, and the "load/share money" pages.
  Playstore link: http://goo.gl/ANWwq7
- **Teachscape:** Enterprise Java app. Worked in the core development team and bug fixing SWAT team. Mentored junior developers in front-end best practices.

EDUCATION

CodePath Android Bootcamp
San Francisco, California, 2014

Produced six projects dealing with core Android concepts including kARTography, an app that helps users map and locate graffiti or street art around their city.
Playstore link: http://goo.gl/I7IfCr

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

Technologies:

- **Languages:** Java, JavaScript (ECMAScript)
- **Web:** HTML5, CSS3, jQuery, AJAX, Web Inspector
- **Database:** SQL-92, MySQL, SQLite
- **IDEs:** Android Studio, Eclipse, IntelliJ, Sublime Text
- **Operating Systems:** Linux, Unix, Mac OS, Windows
- **Agile:** Jira, Pivotal, Trello
- **Misc:** Git, MVC

Software Engineering Projects:

- **Selfies4Reform:** Android app for http://fwd.us
  Playstore link: http://goo.gl/SHOlwM
- **Misc. Android Apps:** Google Image Searcher, Twitter Client
- Stand alone web app for NYC school system
- Java back-end and HTML5 front-end for Reflect, Leapfrog, and Focus products from Teachscape

Communication & Leadership Skills:

- Grio's Party Planning Commissioner
- Representative for the ECE Department in the Davis Graduate Student Association
- Coe College Writing Center Consultant - Competitive position to assist peers through writing and editing mentorships
- Coe College Math Club President - Organized Pi day, Annual Rubix 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:** Bouldering, juggling, fire spinning, and hacking on side projects