

MICHAEL ALAN HUFF

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WORK EXPERIENCE

Software Engineer | Grio | San Francisco | December 2012 – Present

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.

- **Boom Mobile Money:** Banking app for Android devices. Led implementations for several form flows including registration, transaction activities page, and the 'load/share money' pages.
 - Playstore link: play.google.com/store/apps/details?id=com.useboom.android
- **Swoon:** Dating app for Tagged Inc. Contributed to backend logic and design for the selection screen, custom settings screens, and chat services.
 - Playstore link: play.google.com/store/apps/details?id=com.tagged.m3
- **Teachscape:** Enterprise java app. Worked in the core development team leading iteration features as well as contributing to bug fixing SWAT team. One of only a few developers in the company who was able to work on every major product including custom applications built and ported for high-profile customers including the NYC school district. Helped mentor junior developers in front-end best practices.

Research Assistant | University of Indiana | Bloomington | Jun – Sept 2010

Developed a program to recalculate metallicity values of galaxies from the KISS survey. Program written in IRAF which was used to republish results in AAS annual publication.

EDUCATION

CodePath Android Bootcamp, San Francisco, California, 2014

Completed the 8 week intensive Android development course. Produced 6 project 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: <https://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:

- Android apps - ToDo List, Tip Calculator, Image Searcher, Twitter Client., kARTography, Boom Mobile Money, Swoon.
- 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, Bootstrap, HTML/CSS, SQL, Git, Unix.

• IDEs:

- Eclipse, IntelliJ, Sublime Text, Android Studio

• Agile tools

- Jira, Pivotal, and Trello.

• Communication/Leadership Skills:

- Grio'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 Rubix Cube workshop, and Winter Book Club.
- Attended academic conferences to present undergraduate research. Full list available upon request.

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.