Andrew Shekhar Breckenridge

github.com/AndrewSB   andrewsb.me   @Andrew_Breck

Tel: (248) 345-6497   E-mail: asbreckenridge@me.com

EDUCATION

University of Illinois at Urbana-Champaign

- Bachelor of Science, Computer Science and Anthropology

EMPLOYMENT & WORK EXPERIENCE

Summer Intern - Tata Technologies   May 2014 - August 2014

- Intern at the American Headquarters of Tata Technologies. Created internal iOS apps for their hourly employees across the world that reduced employee overhead and improved their on-boarding processes for new employees.

iOS Developer Research Assistant - Adult Learning Lab   November 2014 - Present

- Created iOS apps for a Psychology PhD. research team studying the impact of interest on learning. The apps were used for data collection in experiments.

Indie iOS Developer - Zangle   May 2014 - Present

- Independently designed an iOS app for high school students that are in school districts with the Mistar service implemented. The app allows them to check their grades. It has been installed on over 3000 unique devices.

Lead iOS and Web - Emporia International   June 2014 - Present

- Founded a brand development agency for local businesses in Novi, MI. In charge of making websites and mobile apps for clients who require digital marketing (social media and creating a strong online presence).

iOS/Android Developer - The Wounded Artist Project   June 2014 - October 2014

- Provided pro bono consultancy to Ramon Bakerjian, an army veteran trying to raise awareness for The Wounded Artist Project by developing mobile apps.

SELECTED OPEN-SOURCE PROJECTS

AndrewSB/DeBitcoin

- Developed a service that lets you pay with your existing debit card, have bitcoins removed a wallet and the merchant paid in USD. Essentially letting you pay for goods and services in dollars, with bitcoin.

AndrewSB/youtube-to-mp3

- Adapted a simple roll-your-own youtube video to mp3/mp4 downloader. There is, in fact, no service that provides this as an API (up until now).

AndrewSB/play-my-jam

- Created a service that lets you text a song name to (918) 212-9899 and get a call back from the number with the song playing. Music search and playback without a data plan.

AndrewSB/twitch-plays-tinder

- Made a web-app that streams a port of Tinder onto twitch.tv and allows collaborative matching on the platform.

AndrewSB/multi-device-video

- Developed a web-app in node and angular that splits a youtube video's video stream between two smartphones to allow for a larger video viewing screen.

AndrewSB/TwitterPMI

- Wrote python scripts and a research paper on a large-scale Pointwise Mutual Information test I ran on a corpus of twitter data I was able to mine.

HONORS & AWARDS

2nd Place at Startup Competition, 54.io	August 2014
Top 10 Hack and Microsoft Sponsor Prize Winner at Mhacks 2014	September 2014
Eagle Scout	July 2014
Best Application at CodeDay Detroit 2014	May 2014
Part 1 Finalist at IBM Master the Mainframe Contest	October 2013 & 2014

LEADERSHIP EXPERIENCE

President of Illinois Anthropology Honor Society	August 2014 - Present
Founder and President of Computer Science Club	June 2012 - May 2013

SKILLS

Programming and Software Development

- iOS & Mac - Objective-C, Swift
- Java, Python
- Web - HTML/CSS/Javascript, Node.Js, Angular.Js, Django, Ruby on Rails
- Git and Mercurial