

Andrew Shekhar Breckenridge

github.com/AndrewSB

andrewsb.github.io

@Andrew_Breck

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EDUCATION

University of Illinois at Urbana-Champaign

May 2018

- Bachelor of Science, Computer Science and Anthropology

EMPLOYMENT & WORK EXPERIENCE

iOS App 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 1500 unique devices

Chief Technical Officer - 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 - Present

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

Web Developer - Blackjack Odds Calculator

March 2014 - May 2014

- Primary tech consultant for a Biomedical PhD., Daniel Dubay, from Ann Arbor, MI that provided high level statistical analysis for the popular card game Blackjack.

Summer Intern - Tata Technologies

May 2014 - August 2014

- One of two interns at the American Headquarters of Tata Technologies. Created internal iOS apps for their hourly employees across the world and improved their employee on-boarding processes.

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 services in dollars, with bitcoin.

AndrewSB/play-my-jam

- Lets you text a song name to (918) 212-9899 and get a call back with the song playing. Music search and playback without a data plan.

AndrewSB/twitch-plays-tinder

- Made a webapp 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 obtained

HONORS & AWARDS

2nd Place at Startup Competition, 54.io

August 2014

Best Microsoft Hack and Top 10 Hack 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 Club

June 2012 - May 2013

SKILLS

Programming and Software Development

- iOS & Mac - Objective-C, Swift
- Web - HTML/CSS/Javascript, Node.js, Angular.js, Django, Ruby on Rails
- Java
- Python
- Git and Mercurial
- R Statistical Package, RegEx, XPath Querying