

# Andrew Shekhar Breckenridge

github.com/AndrewSB

[andrewsb.github.io](http://andrewsb.github.io)

@Andrew\_Breck

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## EDUCATION

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### University of Illinois at Urbana-Champaign

May 2018

- Bachelor of Science, Computer Science and Anthropology

## EMPLOYMENT & WORK EXPERIENCE

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### 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

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### 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/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

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### 2<sup>nd</sup> Place at Startup Competition, [54.io](http://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

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### President of Illinois Anthropology Honor Society

August 2014 - Present

### Founder and President of Computer Science Club

June 2012 - May 2013

## SKILLS

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### 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