

# Andrew Shekhar Breckenridge

GitHub: 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

Urbana, IL

- Bachelor of Science, Computer Science and Anthropology, Class of 2018
- Relevant Coursework: CS 125 (Intro to Computer Science), CS 196 (Freshman Honors - Computer Science), Math 231 E (Calculus II - Engineering)

### Novi High School

Novi, MI

- International Baccalaureate Diploma

### Sanskriti School

New Delhi, India

## HONORS & AWARDS

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### Smolldr - Top 10 Hack at Mhacks Fall 2014 & Award from Microsoft for usage of Azure

Sep 2014

- Designed a hardware hack that retrofits any existing smoke detector, connects to the internet and assists in fire emergencies. The hack has three accompanying mobile applications for iOS, Android, and Windows phone.

### Eagle Scout - Boy Scouts of America

Jul 2014

### Blisst - Best Application at CodeDay Detroit

May 2014

- Designed both iOS and Android apps for a novel todo list paradigm at CodeDay Detroit, a 25 hour hackathon.

### IBM Master the Mainframe Contest - Part 1 Finalist

Oct 2013 & 2014

- 2012 & 2013 finalist in Part 1 of IBM's Mainframe Competition which included debugging machine control languages and manipulating data-structures in a mainframe environment.

### Indian Informatics Olympiad - Delhi State

Oct 2012

- Ranked 4<sup>th</sup> in a Delhi state competition on topics ranging from HTML to simple logic to the .NET framework.

## EMPLOYMENT / WORK EXPERIENCE

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### iOS App Developer - Zangle ([andrewsb.github.io/zangle](http://andrewsb.github.io/zangle))

May 2014 - Present

- Independently designed an iOS app for high school students on the Mistar service to check their grades. The app has been installed on over 1000 unique devices.

### Technical Lead at Emporia International ([andrewsb.github.io/emporia](http://andrewsb.github.io/emporia))

Jun 2014 - Present

- Along with 4 partners, founded a digital consumer marketing business for local businesses in Novi, MI. I was in charge of making websites and mobile apps for clients.

### Technical Consultant for Retired Army Veteran

Jun 2014 - Present

- I provided pro bono consultancy to [Ramon Bakerjian](#), an army veteran trying to raise awareness for [The Wounded Artist Project](#)

### Technical Consultant for Startup: Blackjack Odds Calculator

Mar 2014 - May 2014

- Primary tech consultant for a web app for a Biomedical PhD. from Ann Arbor, [Daniel Dubay](#), that provided high level statistical analysis for the popular card game Blackjack.

### Summer Intern at Tata Technologies

May 2014 - Aug 2014

- I was one of two Interns at the American Headquarters of Tata Technologies (part of the TATA Group). I created internal iOS apps for their Timebooking service and optimized their employee on-boarding process.

## LEADERSHIP EXPERIENCE

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### Boy Scout Troop Senior Patrol Leader

Jul 2012 - Nov 2012

- Senior Patrol Leader (scout leader) of Boy Scout Troop 60 in New Delhi, India chartered to the American Embassy School. Led troop on a myriad of treks, campouts and meetings.

### Co-Founder and President of Computer Club

Jun 2012 - May 2013

- Co-founded the Sanskriti School Computer Club at my high school in India. The club discussed recent innovations and developments in the tech world, instructed members in various Adobe software packages (Photoshop, After Effects, etc.) and taught basic HTML to build simple websites.