

# Andrew Mass

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## Education

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**University of Illinois at Urbana-Champaign – College of Engineering** May 2017

- Bachelor of Science in Computer Engineering – GPA: 3.85
- Junior Standing – 74 Credit Hours Earned
- Engineering James Scholar

## Work Experience

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**Co-founder and Chief Information Officer** – Flytenow, Inc. August 2013–Present

- Y Combinator Summer 2014 Batch
- Flytenow connects aviation enthusiasts with pilots to share costs
- Working collaboratively to develop a successful business model
- Responsible for engineering and maintaining a reliable web server
- www.flytenow.com

**Systems Intern** – State Farm – *Champaign, IL* January 2014–May 2014

- Worked with a diverse team of students and State Farm staff to support company programs with high-level research
- www.sfresearchcenter.com

**Co-founder and Developer** – GigaStorm Developers December 2011–August 2013

- Collaborated on multiple web application projects
- Published mobile applications on the Google Play Store and iOS App Store
- www.gigastormdevelopers.com

## Open Source Projects

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**Icarus** - github.com/flytenow/icarus July 2014–Present

- An interactive way to view aviation accident data in the United States
- Powered by NodeJS, Express, AngularJS, and MySQL
- Backed by data from various government agencies

## Technical Experience

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**Illini Motorsports – *Electronics Team Member*** 2013–Present

- Developing circuit schematics and PCBs for custom automotive electronics
- Building software to enable analysis of extensive vehicle data
- Writing C code for PIC microcontrollers
- Designing and developing team website: motorsports.illinois.edu

**FIRST Tech Challenge Robotics – *Lead Programmer and Team Captain*** 2011–2013

**IDEA Assembly Modeling Competition – *Illinois State Champion*** 2013

## Skills

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Experience: Java, Git, Amazon AWS, MySQL, HTML/CSS, Javascript, Android, Spring MVC, L<sup>A</sup>T<sub>E</sub>X, Autodesk Inventor, Tomcat, Ops, Linux, EAGLE, CAN Bus

Exposure: C++, C, iOS, NodeJS, AngularJS, Shell, Apache, Python, PHP, OpenGL, SVN, Qt

## Relevant Coursework

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Current: CS 461 - Computer Security I, CS 241 - System Programming

Previous: CS 398 - Computer Architecture, CS 225 - Data Structures, CS 173 - Discrete Structures