

Andrew Mass

(847) 849-3952 · amass2@illinois.edu · www.mass.red

Education

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

- Bachelor of Science in Computer Engineering – GPA: 3.90
- Senior Standing – 90 Credit Hours Earned
- Engineering James Scholar

Work Experience

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

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

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

Experience: Java, Git, Amazon AWS, MySQL, HTML/CSS, Javascript, Android, Spring MVC, \LaTeX , Autodesk Inventor, Tomcat, Ops, Linux, EAGLE, CAN Bus

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

Relevant Coursework

Current: CS 357- Algorithms and Models of Computation, ECE 210- Analog Signal Processing

Previous: CS 241- System Programming, CS 398- Computer Architecture, CS 225- Data Structures