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: 3.8
- Senior Standing – 107 Credit Hours Earned
- Engineering James Scholar

Work Experience

Software Engineering Intern – Palantir Technologies – *Palo Alto, CA* May 2015–August 2015

- Developed open-source tools for source code management
- github.com/palantir/gerrit-ci
- www.palantir.com

Co-founder and Developer – Flytenow 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* Janurary 2014–May 2014

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

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 & Leadership Experience

Illini Motorsports – *Electronics Team Leader* 2013–Present

- Managing diverse team of 25 engineering students
- Developing circuit schematics and PCBs for custom automotive electronics
- Building software to enable analysis of extensive vehicle data
- Designing and constructing aerospace-grade wiring harnesses
- Writing C code for PIC microcontrollers
- Designing and developing team website: motorsports.illinois.edu
- github.com/mass/illini-motorsports

Skills

Experience: Java, Git, C, Amazon AWS, MySQL, HTML/CSS, Javascript, Android, Spring MVC, LaTeX, Autodesk Inventor, PTC Creo, Tomcat, Linux, EAGLE, CAN

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

Relevant Coursework

Current: ECE 391- Computer Systems Engineering, CS 431- Embedded Systems

Previous: CS 374- Algorithms and Models of Computation, CS 241- System Programming, CS 233- Computer Architecture, CS 225- Data Structures