Emma Binns | ebinns@andrew.cmu.edu | (708) 983-5936 | U.S. citizen

Education

- **Carnegie Mellon University** — Pittsburgh, PA
  B.S. in Computer Science, minor in Art — *Class of 2016*
  - **Relevant Coursework**:
    - 15-122: Principles of Imperative Computation
    - 15-251: Great Theoretical Ideas in Computer Science
    - 15-150: Principles of Functional Programming
    - 15-210: Parallel and Sequential Data Structures and Algorithms
    - 15-213: Introduction to Computer Systems
    - 15-214: Principles of Software Construction
    - 15-440: Distributed Systems
    - 15-381: Artificial Intelligence: Representation and Problem Solving

Skills

Languages: Java, C, Python, SML, HTML, PHP, Javascript
Other: LaTeX, Intermediate web design, Photoshop, Microsoft Office, Pinnacle Studio

Experience

- **Channel Clarity** — May 2014 – August 2014
  Software Development Intern
  - Developing an robust testing application for an email sending platform, along with a few online forms for the company's call center agents. Contributing to an email hygiene service (to ensure emails aren't sent to invalid accounts) and a gender identification service (to determine the gender of a first name for use in communication with clients).
- **Carnegie Mellon Media Technology Services** — August 2012 – Present
  Events Technician
  - Setting up and troubleshooting technical equipment for Carnegie Mellon University campus events.
- **Outsourced Site Services** — May 2013 – August 2013
  iGive.com Software Intern
  - Testing the iGive button, a browser extension allowing members to more easily earn money for charity by shopping online. Occasionally assisting in fixing bugs in it.

Extracurricular Activities

- **Aerial Silks** — Fall 2012 – Present
  - Practicing and performing aerial stunts and tricks on two hanging pieces of fabric.
- **Photography** — Summer 2010 – Present
  - Black and white film photography and digital photography.

Projects

- **Carson (Android app for TartanHacks)** — January 2014
  - Takes a picture of an event poster, isolate text (using Tesseract), and parse that text to get the date, time, name, and location of the event and store this event in the phone's calendar. Project can be viewed at: https://github.com/ashnasquared/thetitanic

Awards and Honors

- Seabury Foundation Scholarship — March 2012
- Society of Women Engineers Award — March 2011
- National Merit Scholar Semifinalist — October 2011
- Cum Laude Society — March 2011