Philip Mallory

email: philip@pmallory.com
web: pmallory.com
git: github.com/pmallory
cell: 404-910-8217

Work Experience:

Course Developer — Udacity, Mountain View CA 2/2016–Present
- Backend web development instructor (Python, Flask, PostgreSQL)

Course Manager — Udacity, Mountain View CA 5/2014–2/2016
- Coaching students in software engineering, computer networking, data science, and introductory computer science classes
- Developing software for internal use (Python, Google App Engine)
- Maintaining massive open online course (MOOC) content

Teaching Assistant — Georgia Tech, Atlanta GA 1/2011–5/2014
- Head Teaching Assistant CS 2261 - Media Device Architecture (C)
  - System architecture and low level programming using the Gameboy Advance
- Teaching Assistant CS 2261 - Media Device Architecture (C)
- Teaching Assistant CS 2340 - Objects and Design (Java)
  - Object oriented design, software engineering, and agile programming

Development Intern — GenomOncology, Cleveland OH 5/2013–8/2013
- Genomic data processing (Java)
- Software testing (JUnit, Selenium)

Development Co-Op — ALTA Language Services, Atlanta GA 5/2011–1/2013
- Web development (Python, JavaScript)

Education:

MS Computer Science – Georgia Tech (incomplete) 2014–2015
- Specializing in computing systems

BS Computer Science – Georgia Tech 2008–2014
- Concentrations in hardware devices and computer networking

Skills and Tools:

Languages
- Python
- C
- JavaScript
- R
- Java
- JavaScript
- Arduino

Tools
- *nix
- vim
- SciPy/NumPy
- Selenium
- Amazon AWS
- Multimeter
- Soldering iron

Skills
- Agile development
- Object oriented design
- Version control (git)
- Unit testing
- Continuous deployment
- Instructional Design
- Digital electronics prototyping

Activities:
- Bicycling
- Motorcycling
- Oil painting
- Outdoorsy things