

Philip Mallory

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Work Experience:

- Course Developer — Udacity, Mountain View CA 2/2016–2/2017
- Creating backend web development instruction (Python, Flask, PostgreSQL)
- Course Manager — Udacity, Mountain View CA 5/2014–2/2016
- One-on-one instruction of web development and computer science students
 - 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)
 - Web Scraping (Beautiful Soup)
 - Software testing (JUnit, Selenium)
- Development Co-Op — ALTA Language Services, Atlanta GA 5/2011–1/2013
- Web development (Python, Pylons, 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	Tools	Skills
Python	*nix	Agile development
C	vim	Object oriented design
Scala	SciPy/NumPy	Version control (git)
JavaScript	Selenium	Unit testing
R	Amazon AWS	Continuous deployment
Java	Multimeter	Instructional Design
JavaScript	Soldering iron	Digital electronics prototyping
Arduino		

Activities:

- Bicycling
- Motorcycling
- Oil Painting
- Amateur Radio Operator – General Class KM6INO

