

## AARON T. PULVER

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<https://github.com/apulverizer>

### SKILLS:

Software: ArcGIS, QGIS, Microsoft Office, Git, Windows, Linux

Languages: Python, JavaScript, HTML/CSS, Ruby, R, C#

Libraries: ArcGIS APIs (REST, JavaScript, ArcPy), Flask, Dojo

Databases: SQL Server, MySQL, SQLite

### EXPERIENCE:

#### GRADUATE ASSISTANT & GIS TECHNICIAN

August 2015 – Present

University of Utah, Salt Lake City, UT

- Developed web app using ArcGIS JavaScript API and Dojo framework to map, record, query, and export avalanche information for a local ski resort
- Designed geodatabases, cleaned and organized spatial data, developed scripts to validate data
- Actively developing a HIPPA compliant web application and backend for cancer research

#### SOFTWARE PRODUCT INTERN

May 2015 – July 2015

Esri, Redlands, CA

May 2016 – Present

- Used ArcGIS REST API to automate publishing of web services, maps, and apps to Portal for ArcGIS and to ArcGIS online
- Developed Python library and scripts for mobile apps QA teams and customers
- Developed automated UI tests using Appium, Selenium, and Ruby for mobile apps
- Configured Portal for ArcGIS, Server for ArcGIS, and enterprise databases for testing

#### GRADUATE TEACHING ASSISTANT

January 2016 – May 2016

University of Utah, Salt Lake City, UT

January 2015 – May 2015

- Instructed GEOG 1180 Introduction to Geo-Programming (Python) and led 2 weekly labs
- Assisted students in Web GIS class (HTML/CSS, JavaScript, ArcGIS Server)

#### TEACHING ASSISTANT

September 2013 – May 2014

Rochester Institute of Technology, Rochester, NY

- Taught and helped students with Assembly language and VHDL labs.

#### PRODUCT ENGINEER CO-OP

March 2013-August 2013

Lenovo, Morrisville, NC

- Worked alongside senior engineers investigating and solving customer defects
- Developed a system using MySQL, C#, and Excel to track product reviews on retail websites
- Worked with a team to implement a department-wide asset and case tracking system

#### SOFTWARE ENGINEER CO-OP

March 2012-August 2012

The Gleason Works, Rochester, NY

- Worked with senior engineers to update C/C++ code to meet new customer demands
- Implemented 3D graphics modeling for CNC machines using EyeShot, WPF, and C#

### EDUCATION:

UNIVERSITY OF UTAH, Salt Lake City, UT

Master of Science in Geography, Expected December 2016

ROCHESTER INSTITUTE OF TECHNOLOGY, Rochester, NY

Bachelor of Science in Computer Engineering, May 2014

### PUBLICATIONS & PRESENTATIONS:

**Pulver, Aaron,** Ran Wei, and Clay Mann. "Locating AED Enabled Medical Drones to Enhance Cardiac Arrest Response Times." *Prehospital Emergency Care* (2016): 1-12.

**Pulver, Aaron,** Ran Wei. "A location model for siting medical drones to reduce EMS response times for cardiac arrest." Presentation given at the *2016 Annual Meeting of the Association of American Geographers*, San Francisco, CA, USA, March 28- April 2, 2016.

**Pulver, Aaron.** "Locating Medical Drones To Reduce EMS Response Times." 2015. Presentation given at The 26th Quarterly Salt Lake GIS Users Group (SLUG) Meeting, Salt Lake City, UT, USA, November 17, 2015.