



# Max Metcalfe

617-543-6106 m.maxmetcalfe@gmail.com maxmetcalfe.com 201 Ada Ave. #33 Mountain View, CA 94043

## Experience

### **SOFTWARE CARTOGRAPHER, APPLE INC (JUNE 2014 - PRESENT)**

- Implemented and designed the cartography of Apple Maps (including the initial launches of Transit Map Mode and Maps on the Apple Watch, CarPlay, and Apple TV).
- Created and managed the build systems for delivering cartographic resources.
- Skills: Python, CSS, Git, Unix (Bash), Jenkins CI.

### **GIS ANALYST, APPLE INC (OCT. 2012 - JUNE 2014)**

(GIS Technician contractor from Oct. 2012 - Aug. 2013)

- Modified categorization algorithms for assigning a map icon to a given Point of Interest. This required in-depth research of large datasets from multiple data vendors.
- Assessed the accuracy of large spatial datasets.
- Built a QGIS plugin for data evaluation used by a team of 30 analysts.
- Skills: Python, QGIS, Unix (Bash), PostgreSQL/HiveQL.

### **RESEARCH ASSOCIATE, BOSTON UNIVERSITY (JAN. 2012 - AUG. 2012)**

(Land Cover & Surface Climate Group)

- Edited the MODIS satellite land cover training archive.
- Validated the VIIRS satellite land cover product.
- Built a database and front end interface for viewing validation data.
- Skills: SQLite, R, Python.

### **RESEARCH ASSOCIATE, NASA AMES RESEARCH CENTER (SUMMER 2011)**

- Produced a report proposing a design of the NASA Earth Exchange (NEX) educational platform.
- Researched and presented an assessment on the use of crowdsourcing for remote sensing research.

## Education

Boston University - B.A. Physical Geography - GPA: 3.64 - May 2012

Thesis: A probability-based lost person simulation for wilderness search and rescue operations

University of Auckland - Study Abroad - 2010

## Other

Co-Founder - Fog City Run - [www.fogcityrun.com](http://www.fogcityrun.com) (Ruby on Rails + PostgreSQL)

Co-Founder - Crissy Field parkrun - [www.parkrun.us/crissyfield](http://www.parkrun.us/crissyfield)