



Max Metcalfe

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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)

- 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 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 (Ruby on Rails + PostgreSQL)

Co-Founder - Crissy Field parkrun - www.parkrun.us/crissyfield