Jack Grossman
Web Developer

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jackgrossman18.github.io

I am an independent, resourceful Web Developer with a passion for the stories that maps can tell. I believe in the power of open-source geospatial data and am excited by opportunities to build software that uses this invaluable resource to affect change.

Technical Proficiencies

GIS Software: QGIS, GDAL
Programming Languages: Javascript, Python, SQL, Node.js, ArcPy, CSS
Programming Frameworks: Express, MongoDB, React, Handlebars, Django

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Experience

General Assembly   Washington, D.C.
Web-Development Immersive Student   May 2018 - August 2018
• Completed full-time immersive course, including 500+ hours of professional full stack web development training
• Built multiple web application using tools such as React, Django, Express, Handlebars, MapboxGL and both SQL and NoSQL databases
• Used OpenStreetMap data by way of the Overpass-Turbo API for the purpose of finding public soccer fields in Washington, D.C.

Utilis Inc.   Tel Aviv, IL & Washington, D.C.
Delivery Coordinator - GIS Specialist   August 2016 - April 2018
• Developed maps using QGIS that illustrate utility infrastructure areas desired and suitable for leak detection analysis
• Created spatial analysis models, combining specific pipe attributes and potential leak areas to improve field survey success
• Conducted data planning, delivery, and on-site field verification for over 20 projects both domestic and international

Kensington Furniture   Northfield, NJ
Digital Marketing Specialist   May 2013 - August 2016
• Constructed Kensington's Customer Relationship Management System reducing sale cycles and improving store traffic
• Established online marketing strategy that increased Kensington's annual web traffic by 100% from 2014 to 2015
• Generated Google Adwords and Facebook advertising strategies converting previously untapped demographic into customers

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Education

Pennsylvania State University, Penn State World Campus   University Park, PA
Geographic Information Science Post-Baccalaureate Certificate   August 2015 - May 2016
Cumulative GPA: 3.94

Pennsylvania State University, **College of Liberal Arts**   University Park, PA
B.A. International Relations*, **Chinese Language Minor**   August 2009 - May 2013
Dean's List Fall 2012

East China Normal University, International Chinese Language Program   Shanghai, CN
Student of Chinese Language & Chinese Business   June 2012 - August 2012
Cumulative GPA: 3.55

VOLUNTEER ACTIVITIES

Virtual Volunteer Mapper, **Humanitarian OpenStreetMap Team**   November 2015 - Present

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LANGUAGE & INTERESTS

Language: Chinese Limited Working Proficiency, Spanish Elementary Proficiency

Interests: Surfing, Astronomy, Middle Eastern Foreign Policy