

Sherman Peng

linkedin.com/in/shermanpeng/
sherm17.github.io/website/

Profile

Hello, I'm Sherman and I love GIS and programming! I come from an environmental science background but quickly developed a passion for developing web map applications.

I am a motivated learner and love the innovation and the development of technology. There is always something new to learn every day! I have a passion for coming up with innovative solutions to build applications to better serve the community I live in.

On my spare time, I love doing anything outdoors and always seek new adventures.

Languages

English

Native or Bilingual Proficiency

Cantonese

Limited working proficiency

Relevant Skills & Coursework

Languages

Javascript (and React framework), Java, Python, SQL, HTML/CSS

Courses

Data Structures and Algorithm Analysis in Java, Calculus, Engineering Statistics

Experience

- Oct 2018 – Present **City and County of San Francisco**
GIS/Web Development Intern
- Develop web map applications using Leaflet library and ArcGIS API
 - Change backend of NodeJS web application from CartoDB to Postgres to eliminate cost
 - Develop Python scripts to automate geoprocessing tasks and create customized tools
 - Redesign UI of websites
 - Perform Spatial Analysis
 - Contribute to department's Accela ETL scripts
- Jan 2018 – Oct 2018 **ERM**
Staff Geologist
- Developed VBA tool to auto generate graphics for environmental analysis
 - Conducted data analysis of groundwater quality data
- May 2017 – Sep 2018 **Zone 7 Water Agency**
Water Resource Engineer Intern
- Assisted with well permitting and compliance
- Oct 2015 – May 2017 **United States Geological Survey**
Hydrologist

Education

- 2018 – 2019 **AS Computer Science**
City College of San Francisco
- 2013 – 2016 **BS Hydrology**
University of California, Davis