Sherman Peng

linkedin.com/in/shermanpeng

Profile

Hello, I'm Sherman and an aspiring software engineer. I come from an environmental science background but quickly developed a passion for programming and making tools to get the job done fast.

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 that better serve the customer.

When I'm not programming, 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 Leaf library and ArcGIS API
- Change backend database of NodeJS web application from CartoDB to Postgres to eliminate cost to company
- Develop ETLs and customized tools in Python
- Redesign UI of websites with modern approaches
- Generate ad-hoc GIS maps

Jan 2018 – Oct 2018 — **ERM**
Staff Geologist
- Developed VBA tool to auto generate graphics for environmental analysis
- Conducted data analysis of groundwater quality and soil vapor data
- Drafted environmental investigation reports for clients

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