

Peter Frank Flanders

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EXPERIENCE

GIS Specialist, SCS Engineers

June 2021 – Present

- Incorporated the ArcGIS API for Python to automate client data management
- Communicated with clients to create elegant apps to help field workers and managers interact their site's data
- Used Python & SQL to make automated reporting & alert systems
- Made Presentable Maps in ArcGIS Pro with data from ArcGIS Online & our Enterprise

Advanced Geospatial Analyses

2020 – Present

- Used GIS and DBMS to analyze data such as automobile fatalities, waterflow, cell-tower viewsheds, and traffic networks

ACM AI Outreach/TeachLA Python Instructor

2020

- Creating College Curriculum and Encouraging Diversity in AI and Machine Learning
- Engaging Middle School Students with Python Basics

Ramen Naruto Cook / Kitchen Staff

Summer 2019

- Fast-Paced Cooking and Serving at Local Small Business

Tutor

2016 – Present

- Tutored Peers and Other Students in Mathematics and Physics

Education

University of California, Los Angeles

Expected 2022

B.S. Applied Mathematics with Specialization in Computation

GPA: 3.57

Minor in Geographic Information Systems and Technology

Relevant Classwork:

Optimization, Statistical Programming (R), Beginner & Advanced Python Techniques, Advanced Geographic Information Systems (QGIS/ ArcMap/ ArcGIS Online)

Programming/Softwares:

Proficient: Python, C++, ArcGIS Pro, ArcGIS API for Python

Intermediate: R, Java, Javascript, SQL, HTML, CSS, PostgreSQL, PostGIS

Academic Skills: Problem Solving, Data Structures, Git Version Control, Algorithms, Analysis

Social Skills: Rational Thinking, Conflict-Resolution, Time Management, Organization

Leadership:

Highschool Saxophone Section Leader, Drum Sergeant.

Boy Scout Patrol Leader and Eagle Scout, Captain of a Trivia Team

Awards:

High School Programming Contest(HSPC)

2018

Sakiyama Math/Science Student of the Year

2018

Eagle Scout From Troop 483 Glendora

2018

UCLA Hack on the Hill - Best Machine Learning Hack

2020