

## Peter Frank Flanders

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### EXPERIENCE

#### GIS Developer, 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
- Organized Codebase for our small team of developers

#### 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/Libraries:

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

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

#### Projects:

Webcam Sign Language Alphabet Translator in Python 2021

IMDB Content Recommender in Python 2021

OS Interface for Hand Recognition System using Tensorflow - UCLA Hackathon 2020