

Peter Frank Flanders

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EXPERIENCE

GIS Developer, SCS Engineers	June 2021 - Present
<ul style="list-style-type: none">• 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 with 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Fast-Paced Cooking and Serving at Local Small Business	
Tutor	2016 - Present
<ul style="list-style-type: none">• 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 Minor in Geographic Information Systems and Technology	GPA: 3.57

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