

## Peter Frank Flanders

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### 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), Python with Applications,  
Advanced Geographic Information Systems (QGIS/ ArcMap/ ArcGIS Online)

#### Programming:

Proficient: Python, C++

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

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

### Experience:

#### Advanced Geospatial Analyses

2020 – Present

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

#### ACM AI Outreach/Events Officer

2020

Creating Curriculum and Encouraging Diversity in AI and Machine Learning

#### ACM TeachLA Python Instructor

2020

Teaching Middle School Students 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

### Leadership:

Selected or Elected to Lead Programs:

Highschool Saxophone Section Leader, Drum Sergeant.

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

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

### 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