

Lorenzo Pappas

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Relocating to California, September 2019

EDUCATION

University of Maryland, College Park

B.S. Information Sciences

Member of the University of Maryland Honors College

College Park, MD

May 2019

Coursework: Data Analysis, Statistics, Programming, Cyber Security, Design, Databases, Technical Writing

SKILLS

Technical: Python ♦ Database Management ♦ Neo4J ♦ Data Analysis ♦ R ♦ SQL ♦ Statistics ♦ Data Visualization ♦ HTML ♦ CSS ♦ Tableau ♦ User Experience ♦ Natural Language Processing ♦ Machine Learning ♦ Excel ♦ Adobe Creative Suite ♦ Github ♦ Java

Non-Technical: Public Speaking ♦ Technical Communication ♦ Project Management ♦ Data Presentation ♦ Collaboration

WORK EXPERIENCE

Arctic Slope Regional Corporation

Washington DC

Data Analyst Intern at NASA Headquarters

September 2018 - Present

- Create a semi-autonomous data cleaning paradigm that gathers, updates, and standardizes raw CSV files using Python, APIs, and Excel in order to ingest the data into Neo4j to create powerful relationship-oriented queries
- Develop Python programs utilizing NumPy and Pandas to automate data collection, data cleaning, and data organization in order to save dozens of hours of employee time
- Develop user friendly and accessible data visualizations in Python in order to enhance data storytelling and communication

NASA Headquarters

Washington DC

Science Intern

June 2018 – August 2018

- Worked in a 5-person team to perform an entire data science project from start to finish using Python, Pandas, and statistical analysis in order to create a presentation on our findings
- Conducted data analysis with Python in order to determine statistical significance on the effectiveness of certain NASA policies and visualize the results
- Prototyped, proposed, and demonstrated an alternative mapping software to improve external communication through data visualization

Division of Information Technology

College Park, MD

Senior Technician

July 2017 – September 2018

- On call to solve technical problems for over 100 professors before, during, and after lecture in order to allow classes to run smoothly despite technical difficulties
- Troubleshoot technological problems both in person and through the phone in order to instruct people with non-technical backgrounds on how to utilize their technology to the fullest
- Write professional and concise emails to professors and staff to help solve varying technological problems as quickly as possible

RESEARCH EXPERIENCE

Digital Curation Innovation Center

College Park, MD

Research Assistant

September 2017 – May 2018

- Conducted statistical analysis using Excel to discover new information about U.S immigration patterns in the 1880's
- Communicated effectively and professionally between professors and classmates in order to set up several meetings and relay technical information about Python programming