

Nicolas Perez

Chicago, IL | nicoperez01@gmail.com

<https://www.linkedin.com/in/nicolas-alonso-perez/> | <https://nicolasaperez.github.io/>

Education

COOP Careers - Data Analytics Fellow

May 2024

- Engaged in a 16-week fellowship program, acquiring expertise in data cleaning, transformation, analysis, and visualization using SQL, Python, and Tableau, alongside continuous professional development
- 200 hours of instruction time with a hands-on mastery of data tools, communication training, networking, and client work with actual companies
- *A highly selective program that admits underemployed college graduates from under resourced & marginalized communities*

University Of Florida, Herbert Wertheim College of Engineering

Computer Science Major, Electrical Engineering Minor

May 2023

- Relevant Coursework: Database Systems, AI Fundamentals, Software Engineering

Technical Skills & Certifications

- **Certifications:** Google Analytics Professional Certificate (Coursera), MS Office Specialist 2013 (Word, PP, Excel)
- **Programming Languages & Visualization:** C++, SQL, Excel, C#, Javascript, Python, PHP

Projects

UF IPPD Collaboration Project "Hacker Jeopardy Phase 3" – Collaborating Company: Raytheon

May 2023

- Reduced login time by 50% through feature simplification for increased efficiency, while also introducing data analysis functionality using charts and graphs to enhance application capabilities.
- Enhanced modules in Raytheon web application, integrating quality of life features and simplifying processes, resulting in improved usability.
- Collaboratively worked in a 4 member team to achieve 100% project goals, ensuring alignment with objectives and successful delivery.
- Compiled and organized a 30+ page document of functions and variables, enhancing readability reference for utilization for future development teams
- Associated Technologies and Languages: CherryPy, Jinja2, Python, JS, SQLite 3, Bootstrap, jQuery, Chart.js

LA Crime Web App

May 2023

- Collaborated with a team of 4 to perform analysis on +250k tuples of data to draw conclusions on what the trends in the data showed.
- Created a new Cloud SQL database to house the government data to perform complex queries, analyze data and draw conclusions.
- Developed a front-end web application interface that seamlessly integrates with the database, providing real-time visualization of data and trends through interactive charts and graphs.
- Associated Technologies and Languages: JS, Node.js, Express.js, Node-Oracledb, Oracle Database, SQL, Chart.JS

Work Experience

Solutoria

Remote

Software Developer

July 2023 – Present

- Contributed to backend systems using SQL and frontend development with React and PHP within an Agile Methodology team of six
- Engaged in solo or pair programming to update and analyze various web applications for external organizations
- Addressed 1-4 short updating database support tickets daily to ensure 100% efficient system operation and client satisfaction