ZACK EDWARDS

Software Engineer

DETAILS

ADDRESS

837 Hudson St, Hoboken, 07030, United States

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9084565993

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LINKS

LinkdIn

GitHub

MiPasa

SKILLS

Microsoft Office

Python

C++

Java

Git

Solidworks

Unreal Engine

BigQuery

PROJECTS

Google Cloud Computing/Machine Learning.

C++ poker game (Git).

COVID-19 Data Analyzing and Visualization (MiPasa).

EDUCATION

Software Engineering, Stevens Institute of Technology — Hoboken, NJ

Sep 2018 — May 2022

Honors: Presidential Scholarship, Dean's list, **GPA 3.6**

Programming Coursework: Informatics and Software Development, Object-Based and Model-Based Software Development, Agile Methods, Engineering Graphics.

Clubs: Google Student Developer Club, Phi Sigma Kappa, Soccer Club.

EMPLOYMENT HISTORY

Data Analyst Internship , HACERA Inc — Remote

Jun 2020 — Aug 2020

Accurately predicted future trends using linear regression to anticipate the spread of COVID-19, and used Scrum and daily standups to organize and share results with a small team.

Analyzed data using Python's **Pandas**, **Plotly**, **Seaborne**, and **Matplotlib** in **Jupyter Notebook** and other IDE's to generate insights and visualizations on the COVID-19 Pandemic.

Grader, Stevens Institute of Technology — Hoboken, NJ

Feb 2021 — May 2021

Selected for grading homework and exams and helping students for a class that uses Python to scrape data and create powerful visualizations. (Informatics and Software Development).

Cardiovascular Research Foundation, Skirball Center for Innovation — Orangeburg, NY

May 2019 — Jul 2019

Learned about pre-human trans-catheter vascular procedures and ultrasound imaging tools, x-ray imaging, and reading EKG machines by interviewing doctors and observing vascular procedures.

Interviewed facilities management personnel to learn about managing an engineering business.

Columbia University Medical Center — NYC, NY

Aug 2019

Observed human trans-catheter vascular procedures, bridging with my experience at Skirball and furthering my understanding of clinical research and the engineering design process.