

Contact

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Top Skills

Object-Oriented Programming (OOP)

Python (Programming Language)

R (Programming Language)

Languages

English (Native or Bilingual)

Spanish (Native or Bilingual)

Certifications

Learn Bash Scripting Course

C++ for Programmers Course

Learn C++ Course

Learn the Command Line Course

Learn Python 3 Course

Sam Hopkins

Data Science & AI Student at University of Miami
Miami, Florida, United States

Summary

Lifelong musician with a passion for programming and data analysis. I am skilled in a diverse set of programming languages including Python, R, C++, Java, Bash, JavaScript, HTML and CSS. My interests include data analytics, machine learning, audio software development and sound design.

Experience

Self-employed

Computer Programmer

May 2022 - Present (2 years)

Completed several self-directed projects, including:

- Black-Scholes-based option price calculator with an attached chart section and market newsfeed, within an html-based UI
- Random forest-based regression model to predict salaries
- Classifier for written characters
- Classifier of real/fake banknotes.

Self-employed

Music Producer

September 2014 - Present (9 years 8 months)

Writer and producer of electronic music, working under the name REDWAVE. I have released two 4-song EPs so far this year. I released 4 singles and a 4-song EP under the name Blue Heights in 2020, and before that released 3 songs under the name SMJH.

The Cantina

Host

June 2020 - July 2022 (2 years 2 months)

Mill Valley, California, United States

Bussed tables, took phone orders and sat customers in a full-service Mexican restaurant in Mill Valley, CA June-August 2020/2021 and June-July 2022.

The Contented Sole Limited

Backserver

June 2018 - August 2018 (3 months)

Pemaquid, ME, United States

Bussed tables, washed dishes and ran food at a fast-paced, seasonal restaurant in Pemaquid, ME.

Education

University of Miami

Bachelor of Science - BS, Data Science & Artificial Intelligence · (August 2020 - May 2025)

Marin Academy

High School Diploma · (August 2016 - June 2020)