

SCOTT HURWITZ | SOFTWARE DEVELOPER

New York, NY | 929-216-1772 | hurwitz.scott@gmail.com | <https://github.com/scotthurwitz1>

I recently completed a software engineering internship at Prudential Financial where I applied my Computer Science skills to real-world problems. With a double-degree, I offer both technical expertise and a diverse approach to problem-solving. I'm looking for a development role that values technical expertise and diverse perspectives.

- **Cloud:** AWS Native Services and IaC ▪ **Software Engineering:** Java and Object-Oriented Design, SQL and Databases
 - **Test Driven Development:** JavaScript with NodeJS, Express, Mocha, and Sinon, Agile with Bitbucket and Jira
 - **AI:** Python with Pandas and Sci-Kit Learn
-

EXPERIENCE AND PROJECTS

PRUDENTIAL | Newark

June. 2023 – Aug. 2023

- Collaborated with our AWS cloud architect to double the speed of our application using performance testing and in-depth research.
- Recognized for outstanding internship contributions by our journey.
- **Final Project:** I created a AWS CloudWatch Query Lambda function to query log times within an AWS native application and trigger SNS notifications when performance degradation is detected.

CADENCE (www.keepyourcadence.com) | Remote

Aug. 2021 – Jan. 2021

- Collaborated with the Operations Director to improve data visualization and pinpoint manufacturing defects, enhancing production quality.
- Assisted the Principal Engineer in analyzing resistivity data for 1,000 plastic materials, facilitating data-driven decisions.

XRP LEDGER FUND PROJECT (personal) | Remote

Nov. 2021 – May 2022

- Built scripts from documentation and integrated new frameworks.
- Fixed urgent server issues to prevent disruptions.
- Created an investment rating system for fund allocation.

EDUCATION AND PROFESSIONAL DEVELOPMENT

BS COMPUTER SCIENCE, WGU | Online

Jun. 2022 – Current

Coursework: Data Structures and Algorithms, Database Design and Management, Probability and Statistics

- Used OOP for full-stack schedule and inventory apps.
- Built a state capitals game with data structures and algorithms.
- Developed a library system using relational databases.

DATA SCIENCE DIPLOMA, CONCORDIA UNIVERSITY | Online

Jan. 2021 – May 2021

Worked on projects using Python and SQL for stock price modeling, business metric visualization, and improving user experience with machine learning.

MATH/PHYSICS COURSES, CITY UNIVERSITY OF NEW YORK | NYC

May. 2018 – Aug. 2020

BS Physics coursework, before transitioning to a focus in CS.

Coursework: Calculus 1-3, Linear Algebra, Physics Mechanics/E&M, and Chemistry

BACHELOR OF MUSIC, Music Research MCGILL UNIVERSITY | Montréal

Sept. 2014 – Jan. 2017

Conc. Jazz Drums, Min. Music Technology