

# SCOTT HURWITZ | SOFTWARE DEVELOPER

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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

### SOFTWARE ENGINEERING INTERN, PRUDENTIAL FINANCIAL | 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.

### BLOCKCHAIN & INVESTMENT STRATEGIES FOUNDER AND DEVELOPER Nov. 2021 – May 2022

- Built a database and first-of-its-kind scripts on Blockchain integrated frameworks to automate allocations.
- Fixed urgent server issues to prevent disruptions.
- Created an investment rating system to optimize fund performance.

### BUSINESS ANALYST INTERN, CADENCE ([www.keepyourcadence.com](http://www.keepyourcadence.com)) | Remote Aug. 2021 – Jan. 2022

- 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.

### INTAKE COUNSELOR INTERN, THE DOOR: A CENTER FOR ALTERNATIVES | NYC Mar. 2017 – Sept 2017

## 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

## CERTIFICATIONS

### AMAZON WEB SERVICES CLOUD PRACTITIONER, AWS May 2023

### COMPTIA PROJECT+, COMPTIA Feb. 2023

### PROFESSIONAL SCRUM MASTER I, SCRUM.ORG Nov. 2022