

Daniel Zamloot

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EDUCATION

Stevens Institute of Technology | Hoboken, NJ

Bachelor of Science in Computer Science

Expected May 2025

GPA: 3.98 | **Coursework:** Data Structures, Algorithms, Computer Architecture and Organization, Discrete Structures, Intermediate Statistics, Systems Programming, Software Development

Clubs & Organizations: Computer Science Honors Society, Comp. Architecture CA, Tennis Club

SKILLS & CERTIFICATIONS

Programming:

Expert: Javascript, Python, HTML, CSS, C/C++

Familiar: SQL, Node.js, Java

Software: Visual Studio Code, Github, PowerPoint, Microsoft Excel, Outlook Apps, Git

Certifications: Introduction to Git and Github Google IT - 2020 & Crash Course on Python Google IT - 2020

WORK EXPERIENCE

Prudential Financial | Newark, NJ

Software Engineer Intern

June 2023 - Present

- Automated the deployment processes of SSRS and SSIS systems, leveraging Ansible to improve efficiency and reduce manual effort.
- Created robust and efficient PowerShell scripts to automate deployment tasks, enabling streamlined and error-free execution of deployments.
- Utilized SQL queries to interact with databases, extract essential information, and validate deployment requirements while collaborating with the database team

Life Hikes | Montclair, NJ

Software Development Fellowship

June 2022 - August 2022

- Assisting in the production of app development prototypes through the use Javascript, node.js, and HTML.
- Worked in a scrum team as a back-end developer, completing weekly and biweekly sprints to work on a streak and habit tracker and rework the client recommendation system.

Portfolio Projects

Machine Learning Digit Recognition - <https://github.com/danzam284/digit-recognition>

- Trained a machine learning model for recognizing hand-drawn digits with Tensorflow
- Used Python to create a user interface where digits can be drawn and guessed by the model

Personal Website - <https://danzam284.github.io/website/>

- Used Vanilla Javascript, HTML, and CSS to design a website which showcases design experience.
- Conducted research and acquired inspiration from other developer websites.

Sorting Visualizer - <https://danzam284.github.io/sort/>

- Used Javascript, HTML, and CSS to design a visualization of several sorting algorithms
- Created an interface customizable by array size, speed, and a pausing and resuming feature.