

# Daniel Zamloot

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## EDUCATION

**Stevens Institute of Technology** | Hoboken, NJ

Bachelor of Science in Computer Science

Expected May 2025

**GPA:** 3.96 | **Coursework:** Computer Science, Data Structures, Algorithms, Mechanics, Calculus, Discrete Structures, Entrepreneurship in Computing, Statistics, Biology

## SKILLS & CERTIFICATIONS

### Programming:

*Expert:* Javascript, Python, Java, HTML, CSS, Node.js

*Familiar:* SQL, C/C++

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

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

## WORK EXPERIENCE

**Life Hikes** | Montclair, NJ

*Software Development Fellowship*

June 2022 - Present

- Assisting in the production of app development prototypes through the use Javascript, node.js, and HTML.
- Supporting the backend development and testing of functionality of the app.
- Researching trends in product and technological requirements.

**Russell P. Zamloot CPA** | Verona, NJ

*Technology and Accounting Intern*

April 2021 - June 2021

- Programmed a file sorter in python which renamed and changed the directory of client files to increase organization.
- Created a custom pdf editor on a customer request form to ease the process requesting support and used Java Script to alter the correct bounds of the form.
- Reviewed tax data and entered transactions for numerous corporations into databases such as Intuit and Quickbooks for tax filing.

## 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 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.