

Daniel Yu

yudaniel136@gmail.com ❖ (201) 988-7569 ❖ Hoboken, NJ

EDUCATION

Stevens Institute of Technology

B.S. in Computer Science

Ongoing - May 2025

Hoboken, NJ

- Current Cumulative GPA: 3.85
- Relevant Coursework: DS&A, Computer Architecture, Linear Algebra, Probability & Statistics
- Extracurriculars: The Stute (student newspaper), Stevens Computer Science Club, C2GS

Kinnelon High School

High School Diploma

June 2021

Kinnelon, NJ

- GPA: 3.7

EXPERIENCE

QPhoton Inc.

Software Development Intern

May 2022 – December 2022

Hoboken, NJ

- QPhoton Inc. is a company that specializes in quantum photonics, developing tools for computer vision, cybersecurity, healthcare, and more.
- Implemented a reservoir computing (ESN) model using Python to forecast complex dynamic systems.
- Developed a client-server microservice wrapper with gRPC in a Gitlab team using Python.

Stevens Institute of Technology

Summer Researcher for the Center of Neuromechanics

June 2022 – Aug 2022

Hoboken, NJ

- Researched electroencephalogram (EEG) signals and their applications in classification/prediction.
- Utilized a support vector machine (SVM) from the Scikit-learn library to classify “concentration” from “resting” mental states in Python.
- Wrote and presented a paper covering EEG classification using eye tracking at the 2022 Center of Neuromechanics summer research conference.

PROJECTS

Support Vector Machine Classifier for EEG Data

[ResearchGate Link](#)

- Utilized the Scikit-learn support vector machine (SVM) implementation, as well as other libraries such as NumPy, pandas, and matplotlib, to create a binary classification program able to visualize up to four discrete feature dimensions at once.

Javascript Browser RPG

- Used NodeJS, Webpack, and the Phaser library to create a browser-based RPG game in Javascript.

SKILLS

- **Languages:** Python, Java, JavaScript, C/C++
- **Tools:** Virtual Studio Code, Sublime Text, Git/GitHub/Gitlab
- **Other:** Jira/Confluence, LaTeX, Microsoft Office, Google Suite