

Justin Gajewski

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ

Bachelor of Science, Computer Science

Expected May 2027

Relevant Coursework: Intro to CS, Discrete Structures, Data Structures, Algorithms, Computer Architecture and Organization

Merit-Based Honors/Awards: Edwin A. Stevens Scholarship, Presidential Scholarship, Dean's List

Regis High School, New York City, NY

High School Diploma

June 2023

Relevant Coursework: Computer Science I and II, Genetic Programming, Linear Algebra

Merit-Based Honors/Awards: Year-End First Honors, Semester Second Honors

SKILLS

Programming Languages: Python | Java | C++ | C | HTML | CSS | JavaScript | ARM Assembly | Racket | SQL

Developer Tools: Git | Visual Studio Code | IntelliJ IDEA | IDLE | MySQL | Linux | Windows | macOS | Microsoft Office

Frameworks & Libraries: Flask | PyTorch | TensorFlow | NumPy | scikit-learn | Matplotlib | Pandas

Languages: French (limited working) | Vietnamese (elementary)

PROJECT EXPERIENCE

Blockchain Implementation

August 2024 – September 2024

Individual Design Project

- Engineered a custom blockchain in Python to ensure secure and decentralized transaction validation and consensus
- Developed a RESTful API using Flask to facilitate seamless interaction with the blockchain, enabling transaction management, block mining, and chain conflict resolution for distributed networks

Digit Recognition

January 2023 - March 2023

Individual Design Project

- Designed an interactive Python-based digit recognition program using TensorFlow, allowing users to draw digits and receive predictions with accuracy percentages
- Trained models on the MNIST dataset and integrated user input to improve recognition accuracy by an average of 2% per iteration

Pneumonia Detection

December 2021 - March 2022

Team Member

- Collaborated with a team to build Python-based machine learning models, including K-Nearest Neighbors, CNNs, and transfer learning, for detecting pneumonia in X-ray images
- Achieved reliable diagnoses by analyzing chest X-ray patterns, contributing to accurate healthcare predictions

WORK EXPERIENCE

Sports Medicine Department, Hoboken, NJ

March 2024 - Present

Assistant

- Streamlined office operations by managing data entry, equipment maintenance, and administrative tasks, ensuring a safe and efficient environment for athletes and staff
- Partnered with athletic trainers to support athlete care and operational excellence, enhancing service delivery

LEADERSHIP & ACTIVITIES

Track & Field

March 2022 - Present

Long/Triple Jumper

- Led as high school captain from August 2022 to June 2023, driving team performance through strategic guidance and mentoring
- Compete as a current Division III athlete at Stevens Institute of Technology

Altar Server

May 2018 - Present

Master of Ceremonies

- Coordinate weekly services and parish events, providing leadership as Head Altar Server since February 2019
- Train new servers and ensured smooth execution of ceremonies, supporting community engagement and outreach

ADDITIONAL INFORMATION

Interests: Chess, Poker, NFL Football, Pickleball, Shakespearean Literature, International Cuisine, Weightlifting, Playing Guitar