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 Suite
Frameworks & Libraries: Flask | PyTorch | TensorFlow | NumPy | scikit-learn | Matplotlib | Pandas
Languages: French (limited working) | Vietnamese (elementary)

PROJECT EXPERIENCE

Blockchain Implementation August 2024 - Present
Individual Design Project
- Design a blockchain from scratch using Python including features such as transaction validation and consensus
- Develop a Representational State Transfer API using Flask to interact with the blockchain, enabling functionalities like adding transactions, mining new blocks, and resolving chain conflicts across a decentralized network

Digit Recognition January 2023 - March 2023
Individual Design Project
- Created a Python program prompting users with an interactive interface to draw a digit and returning the digit the user has drawn with percent certainty
- Trained using MNIST dataset along with individual inputs, using TensorFlow as pixel storage to generate a continually improving model with an average overall improvement of about 2%

Pneumonia Detection December 2021 - March 2022
Team Member
- Collaborated with other members of Inspirit AI (taught by Stanford & MIT alumni) to develop Python code that detects the prevalence of pneumonia in patients
- Created K-nearest neighbor, [convolutional] neural network, and transfer learning models to analyze patterns in chest/lung X-ray images and make diagnoses with percent certainty

WORK EXPERIENCE

Sports Medicine Department, Hoboken, NJ March 2024 - Present
Assistant
- Collaborate with athletic trainers in the Sports Medicine department at Stevens Institute of Technology to maintain a safe, clean, and efficient environment for athletes and staff
- Manage administrative tasks including filing paperwork, conducting data entry, and ensuring optimal performance of office equipment

LEADERSHIP & ACTIVITIES

Track & Field March 2022 - Present
Long/Triple Jumper
- High school captain from August 2022 to June 2023
- Division III athlete at Stevens Institute of Technology

Altar Server May 2018 - Present
Master of Ceremonies
- Head altar server (Master of Ceremonies) from February 2019 to present
- Serve masses every Sunday, train new altar servers, and assist parish priest with hosting events and religious activities

ADDITIONAL INFORMATION

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