Justin Gajewski

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ
Bachelor of Science, Computer Science Expected May 2027
Relevant Coursework: Software Development Process, DevOps Principles and Practices, Database Management Systems, Algorithms, Computer Architecture and Organization, Systems Programming, Principles of Programming Languages
Merit-Based Honors/Awards: Edwin A. Stevens Scholarship, Presidential Scholarship

Cornell University, Online Certificate in Machine Learning Foundations August 2025

SKILLS

Programming Languages: Python | Java | C++ | C | HTML | CSS | JavaScript | SQL | R
Developer Tools: Git | Docker | Azure DevOps | Jenkins | AWS | Maven | IntelliJ | VS Code | PyCharm | Jupyter Lab | DBeaver
Frameworks & Libraries: Spring Boot | Next.js | React | Flask | PyTorch | TensorFlow | NumPy | scikit-learn | Pandas
Languages: French (limited working) | Vietnamese (elementary)

WORK EXPERIENCE

Verizon, Remote August 2025 – Present
AI Studio Fellow

- Collaborating with a developer team to design machine learning solutions in Python and manage development with GitHub to detect avian activity on cell towers and address ecological and regulatory challenges
- Building and testing image classification and object detection pipelines on live and batch image feeds to detect bird presence and potential nesting sites
- Prototyping an automated monitoring system to generate actionable insights for Verizon's infrastructure teams, supporting wildlife protection and compliance initiatives

S&P Dow Jones Indices, New York, NY June 2025 – August 2025
Software Development Intern

- Scaled index prototyping algorithm with the End of Day Equity team using Spring Boot, Docker, and AWS services, deploying updates through Jenkins pipelines and managing sprint tasks via Azure DevOps Scrum boards
- Built a Spring Boot API endpoint to expose transaction statuses, implementing the controller and unit tests while verifying functionality with Docker, Bruno, and React test cases
- Created a developer tool with S&P's in-house AI platform Spark Assist to summarize branch updates, assess impact and risk, and give project managers clearer visibility into code changes

Break Through Tech, Remote May 2025 - Present
AI/ML Fellow

- Selected from 3000+ applicants for the Break Through Tech Program at Cornell Tech
- Training and deploying machine learning models using Python, learning directly from industry professionals while analyzing real-world datasets to solve practical business problems
- Assembling models using scikit-learn, Pandas, TensorFlow, and NumPy, experimenting with preprocessing techniques, model selection, and hyperparameter tuning

PROJECT EXPERIENCE

Livestream App July 2025 - Present
Individual Design Project

- Developing a live streaming platform using Next.js 14, implementing RTMP/WHIP protocols for real-time streaming, user authentication, and integration with OBS streaming software
- Constructing a system with real-time chat, live viewer count, streamer dashboards, and user interaction features (e.g. blocking, kicking, slow mode), alongside a fully responsive UI with server-side rendering and optimized performance

Crypto Tracker January 2025 – January 2025
Individual Design Project

- Built a Python-based cryptocurrency portfolio tracker with a Tkinter GUI, integrating live API data for real-time updates, historical price analysis, and interactive asset management
- Designed Matplotlib visualizations using Pandas data persistence to enable efficient tracking and trend analysis

LEADERSHIP & ACTIVITIES

NCAA Division III Track & Field September 2023 - Present
Long/Triple Jumper

- Competing as a long and triple jumper for the Stevens Men's Track & Field team
- Maintaining 15+ hours/week for training and competing in 10+ collegiate meets across seasons