Paul Iacobucci

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Ithaca, NY 14853

EDUCATION

Cornell University, College of Arts & Sciences Ithaca, NY
Bachelor of Arts in Computer Science, Minors in Finance and Artificial Intelligence Expected December 2027
GPA: 4.0

Honeoye Falls-Lima Senior High School Rochester, NY
High School Diploma June 2024
GPA: 4.2 | SAT: 1520
Varsity Football, Varsity Basketball, Varsity Baseball, Wind Ensemble, Class of 2024 Representative

Relevant Coursework: Data Structures & Functional Programming (OCaml), Math Foundations for CS (Discrete Math), Linear Algebra for Engineers, Object-Oriented Programming & Data Structures (Java), Back-end Development

SKILLS

- **Language Skills**: English (native), Spanish (proficient)
- **Programming Languages:** Java, Python, JavaScript, C++, OCaml
- **Back-end Development Tools:** Flask, Django, SQL Alchemy, SQLite, PostgreSQL, Firebase, Docker, Google Cloud Platform (GCP), Amazon Web Services (AWS)
- **Front-end Development Tools:** HTML5, CSS3, React Native
- **Developer Tools:** Git, GitHub, Postman, Visual Studio Code, IntelliJ IDEA
- **Microsoft Office Suite:** Excel, Word, & PowerPoint

PROJECTS

Image Recognition Software (in progress) Ithaca, NY
Solo Developer December 2024 – Present
- Using the PyTorch library to make image recognition software for a Raspberry Pi AI camera

Stock Performance Prediction Software (in progress) Ithaca, NY
Solo Developer December 2024 – Present
- Using C++ to predict the activity of stocks

Personal Task Assistance App (in progress) Ithaca, NY
Solo Developer December 2024 – Present
- Using React Native, Django, PostgreSQL OpenAI API, etc. to create a personalized task assistance app for college students

LockedIn - Professional Networking Application Ithaca, NY
Lead Backend Developer, Co-Founder November 2024 – December 2024
- Collaborated with a team of two to build a native iOS app for Tinder-style networking
- Won the best UI award out of 28 teams
- Developed the REST API backend with Python, Flask, SQLAlchemy, and AWS S3 for image storing
- Engineered a proprietary matching algorithm and implemented swipe & connections functionality
- Integrated Firebase for messaging & user authentication, and deployed via Docker, GCP (Google)

Cornell Portfolio Management Club (CPMC) Website Ithaca, NY
Solo Developer October 2024 – November 2024
- Built an interactive website using HTML, CSS, and JavaScript with responsive design and creative hover effects.

- Developed a dynamic footer where mouse movements propel "pixels," adding interactivity.
- Used Git/GitHub for version control and ensured cross-browser compatibility.

Experience

Cornell Portfolio Management Club   **Ithaca, NY**
Co-Founder|Vice President of Technology   October 2024 - Present
- Spearheaded the creation of a student-led wealth management club
- Responsible for website maintenance and all technical handlings

Cornell Fitness Centers   **Ithaca, NY**
Fitness Center Monitor   August 2024 - Present
- Oversaw gym safety and equipment use for 70+ patrons
- American Red Cross CPR/AED/First Aid Certified, expires 9/2026

Wegmans Food Markets   **Rochester, NY**
Produce Service & Clerk   June 2021 – Present
- Managed company inventory data and handled customer inquiries
- Enhanced produce displays, improving customer satisfaction

ADDITIONAL

Hobbies: Weight Training, Golf, Skiing, Basketball, Chess