

Anthony Dvorsky

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Education

New Jersey Institute of Technology

Master of Science in Computer Science, GPA: 3.9/4.0

September 2021 – May 2026

Newark, NJ

Technical Skills

Languages: Java, JavaScript, TypeScript, HTML/CSS, Python, SQL, C/C++

Software/Tools: Angular, React, Next.js, Node.js, Django, Jakarta EE, GraphQL, Auth0, Cypress, Jest, Git, Jira, Postman, Figma, Windows, Linux, MS Office Suite

Experience

Technology Intern

June 2025 – August 2025

Wakefern Food Corporation

Edison, NJ

- Designed and developed enterprise product management software for point-of-sale systems using Jakarta EE, Angular, and SQL, streamlining operations across 350+ retail locations.
- Collaborated cross-functionally with developers and business stakeholders throughout the Software Development Lifecycle (SDLC).

Software Engineer (Capstone Project)

January 2025 – May 2025

Merck

Newark, NJ

- Developed a centralized workflow system to replace manual email-based reviews for manufacturing assembly documentation.
- Cut approval cycle times and delivered a real-time metric dashboard for process insights.
- Developed with Next.js, Express.js, and REST APIs; integrated role-based authentication using Auth0.

Software Engineer Intern

May 2024 – August 2024

Redhawk Research LLC

Remote

- Revamped end-to-end testing pipeline using Cypress and JavaScript for Jonah Direct, Redhawk Research's flagship loan processing application.
- Integrated the React Flow library, improving UX and enabling more intuitive real estate workflow creation.
- Implemented features using GraphQL, Apollo, and Prisma.

Course Assistant – Introduction to Computer Science I

September 2022 – January 2023

New Jersey Institute of Technology

Newark, NJ

- Led labs and recitations for 40+ students, reinforcing Java programming concepts and problem-solving skills.
- Graded coursework and facilitated office hours, improving student pass rates.

Intern

June 2022 – August 2022

Packaging Efficiency Solutions

Denville, NJ

- Automated week-by-week machine part testing schedules with Visual Basic in Excel, reducing scheduling time.
- Organized and visualized Sage 100 ERP inventory data to improve part tracking accuracy.

Projects

Training Log App

- Developed a full-stack training app that tracks users running data and visualizes it with a dashboard.
- Utilized React, NextUI, and Tailwind to build the frontend, and Next.js, GraphQL, and Prisma with PostgreSQL for the backend.
- Implemented NextAuth.js for user authentication and deployed the project on Vercel.

Shop Project

- Developed a full-stack shop website using Django for backend and React for frontend.
- Used Django REST Framework to build a RESTful API for performing CRUD operations on shop and cart products.
- Implemented user authentication using JWT with Django Rest Framework.

Predicting Taxi Tips

- Machine Learning project predicting tips for taxi rides using a data set from NYC Open Data Portal and a Linear Regression Model.
- Cleaned and visualized data set using Pandas, NumPy, Seaborn, and Matplotlib.
- Used Scikit-learn to split and encode the data and to train and evaluate the model.

Extracurricular

NJIT Division I Cross Country & Track and Field

September 2021 – Present

- Cross Country/Track Team Captain
- America East Cross Country All-Academic Team (2023), College Sports Communicators (CSC) Academic All-District Team (2025), America East Presidential Scholar-Athlete (2025)
- Three-season student-athlete competing in Fall, Winter, and Spring.