Luke Edwards

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EDUCATION

Rochester Institute of Technology (RIT), Rochester, NY

Bachelor of Science, Software Engineering — Expected Graduation: May 2027

Dean's List: Spring 2025

SKILLS

Languages: TypeScript, JavaScript, Python, Java, C, HTML, CSS

Frontend: React, Next.js, Angular, Tailwind CSS, Framer Motion

Backend: Node.js, Express.js, FastAPI, Flask, Spring Boot

Tools & Technologies: Docker, PostgreSQL, SQLite, Git, GitHub Actions, Electron, Google Sheets API

Design: Figma, UI/UX Design

WORK EXPERIENCE

Full-Stack Developer Co-op | Autocoach LLC — August 2025 – December 2025

- Architected and launched satispie.com, a B2B e-commerce platform with Clerk authentication, enabling streamlined ordering for distribution partners
- Developed internal automation tools using Python, Node.js, and Electron, reducing data processing time by 15+ hours per week and eliminating manual email workflows
- Collaborated cross-functionally with sales, maintenance, and accounting teams in a 2-person development team, delivering features aligned with business objectives
- Tech Stack: React, Next.js, Python, Node.js, Electron, Google Sheets API

To-Go Expeditor | Hannaford — May 2023 – Present

- Handled curbside transactions with customers ensuring speed and accuracy
- Assured customer satisfaction throughout the entire order process including order accuracy, having a friendly demeanor, as well as being timely when fulfilling their order

PROJECTS

wheredoieat – *Python, FastAPI, Next.js, PostgreSQL, Machine Learning* — 2025

- Built a full-stack restaurant recommendation application with ML-based user profiling to deliver personalized dining suggestions
- Implemented recommendation algorithm using Python and FastAPI backend with Next.js frontend
- Deployed on Vercel with PostgreSQL database for user data and restaurant information management

Portfolio Site – *Next.js 16, TypeScript, Tailwind CSS, D3, Framer Motion* — 2025

- Designed and developed a modern portfolio website with custom neumorphic design system and dark green aesthetic
- Created interactive project graph visualization using D3 for dynamic project exploration
- Implemented responsive design with Tailwind CSS and smooth animations using Framer Motion

PDF-y & PDF-y Lite – *Python, FastAPI, Docker, OCR, MCP, Claude AI* — 2025

- Developed MCP server and FastAPI backend for PDF analysis with OCR capabilities

- Integrated Claude AI for intelligent document processing and content extraction

- Containerized application using Docker for consistent deployment across environments

uFund Animal Shelter – *Java, Spring Boot, Angular, Mockito* Spring 2024
- Collaborated with a team of 4 students to engineer a full-stack website for pet assistance services

- Implemented REST API and controller using Spring framework with Angular frontend following MVC architecture

- Formulated system-wide domain, architecture, and UML class diagrams to encapsulate application requirements

- Built comprehensive test suite covering all cases using the Mockito framework

PokeGames – *Python, Flask, React, REST API* 2024
- Developed a full-stack Pokémon application integrating external Pokémon API for real-time data

- Engineered Flask backend with RESTful API endpoints and React frontend for interactive user experience