Jaylin Man

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EDUCATION

Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science
Bachelor of Science in Computer Science *Expected May 2028*
Cumulative GPA: 3.68/4.00 | **Dean's List**: Fall 2024 – Fall 2025
Relevant Coursework: Algorithms & Data Structures, Programming with Objects and Data, Discrete Mathematics

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++, JavaScript/Typescript, HTML, R, SQL, CSS
Tools: Git, Vercel, Splunk, Wireshark, PyTorch, TensorFlow, Scikit-Learn, Pandas, NumPy, Jupyter, Streamlit, LaTeX
Technologies: Next.js, React.js, Node.js, Firebase, Git, Linux, Docker, React Native, MongoDB, TailwindCSS

PROFESSIONAL EXPERIENCE

Health Guard Pharmacy, *Software Engineer Intern* | Queens, NY *August 2025 - Present*
- Architected a responsive single-page application (SPA) using Next.js and TypeScript, replacing manual workflows with a digital customer engagement platform.
- Engineered a custom intent-based chatbot that parses natural language to automate responses for pharmacy hours, services, and location, reducing call volume.
- Implemented a high-performance design system using Tailwind CSS and Radix UI, ensuring 100% accessibility compliance and seamless mobile-to-desktop scaling.

PROJECT EXPERIENCE

Pharmacy Payroll Management Application, *Sole Developer* *November 2025 - Present*
Tech Stack: Node.js, React.js, Firebase, Vercel
- Developing a full-stack payroll application to automate bi-weekly employee pay and track employee clock in/clock out records
- Engineering a secure role-based authentication system to manage administrative access and employee portals, ensuring data privacy and compliance
- Streamlining the payroll workflow by replacing manual spreadsheets with a centralized dashboard, reducing processing time and improved accuracy

Stackhacks Phishing Detection Tool, *Project Supervisor* | Campus Security Initiative *October 2025 - Present*
Tech Stack: Large Language Model (LLM), Javascript, Chrome Extension API
- Supervised a project team in the development of an anti-phishing Chrome extension designed for campus-wide student email protection
- Designed the system architecture to leverage a Large Language Model to analyze email content and provide students with a real-time phishing likelihood percentage
- Drove the project from ideation through technical design and planning for deployment to the university community

Faceable, *Front End Developer* | HackHarvard Project *October 2025*
- Created an accessibility-focused face-tracking platform that uses facial gestures to change tools and create art for individuals with limited mobility
- Developed the front-end user experience using React and Tailwind CSS and utilized Google AI's Mediapipe Face Landmarker for precise, real-time face tracking
- Launched platform to the web and secured validation from 15 industry judges at a major hackathon

Northeast Big Data Transportation Data Science Project, *Data Analyst* *January 2025 - February 2025*
- Developed severity heatmaps, bar charts, and line graphs using Python, Pandas, Matplotlib and Seaborn
- Analyzed a 2.2 million-row NYC OpenData dataset, developing severity heatmaps to investigate traffic safety trends
- Formulated and presented a research statement to focusing on speed cameras and their ineffectiveness in reducing collisions

LEADERSHIP EXPERIENCE

CodePath, *Peer Mentor* *May 2025 - Present*
- Supported 5 CodePath students through regular check-ins, coursework guidance, and identifying support needs
- Promoted a positive learning environment by tracking progress and connecting peers to resources

Binghamton Stackhacks, Chief Marketing Officer *March 2025 - Present*
- Drove a 25% increase in student engagement by designing and deploying high-impact visual content using Canva
- Orchestrated student coding teams from project inception to successful completion
- Streamlined E-Board efforts during bi-weekly meetings, aligning goals across all committees to boost overall club success

Truetalks Podcast, *Founder* *November 2019 - Present*
- Created over 100+ episodes which included guest interviews with people in technology, business owners, & entrepreneurs
- Secured brand partnerships with Mint Mobile, Pitaka, and Anchor, by executing multi-platform marketing campaigns