

Tyreik Rogers

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EDUCATION

Binghamton University

Bachelor of Science in Computer Science

Honors: Gates Scholarship

Relevant Coursework: Programming Concepts and Applications, Programming and Hardware Fundamentals, Programming with Objects and Data

Binghamton, NY

May 2029

PROFESSIONAL EXPERIENCE

Full Stack Developer

Saint Lukes Latheran Church & Soup Kitchen

July 2025 – Aug 2025

New York, NY

- Increased viewership 67 by engineering a live-streaming system with integrated real-time text displays
- Recovered 50+ staff hours by developing an automated bell system with flexible, custom scheduling tools
- Boosted event attendance by 10+ people through a custom digital notice board for announcements

PROJECTS

Financial Market Watch System | Bloomberg Tech Lab | *RabbitMQ, Python, Pika, Docker*

Feb 2026

- Architected a distributed system using Python and RabbitMQ to simulate real-time stock ticker updates
- Implemented Topic Exchanges to enable filtered subscriptions based on routing keys like sector or ticker
- Applied OOP principles to build scalable, decoupled producer/consumer modules for clean data flow
- Containerized infrastructure via Docker to ensure environment portability and deployment consistency

Phishing Chrome Extension | *JavaScript, HTML, Flask, Gemini, SQLite*

Nov 2025 – Feb 2026

- Developed a detection engine using Gmail API to analyze email DOM and metadata in real-time
- Achieved high detection accuracy by pairing heuristic scoring with Gemini-powered ML threat predictions
- Optimized performance via asynchronous Fetch API calls, reducing latency in risk assessment delivery
- Engineered a security dashboard using FastAPI to provide users with instant, actionable risk scores

Call Listener Portal @ SBUHack '25 | *TypeScript, Tailwind CSS, Node.js, NeuralSeek*

Nov 2025

- Collaborated in a 3-person team to engineer an AI-driven tool automating insights from customer data
- Integrated NeuralSeek and Watson to architect a chatbot featuring call summaries and trend analysis
- Developed a responsive frontend using TypeScript and Tailwind CSS for seamless data visualization
- Managed asynchronous data flows between AI endpoints and the client interface using Node.js

LEADERSHIP AND INVOLVEMENT EXPERIENCE

Fundraising Chair

ColorStackBU

Sept 2025 – Present

Binghamton, NY

- Raised \$300+ via fundraisers while assisting the executive board with strategic planning and coordination
- Managed 20+ workshop attendees, using technical insight to strengthen leadership, teamwork, and operations

Project Management Intern

StackHacks

Nov 2025 – Present

Binghamton, NY

- Directed project management for 4 technical divisions to ensure goal alignment within a strict timeline
- Controlled project scope by synthesizing rotation reports from team leads into actionable executive insights
- Managed time and budget to spearhead a technical workshop and fundraiser from proposal to execution

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), SQLite, JavaScript, TypeScript, Assembly, HTML/CSS

Frameworks: React, Node.js, Tailwind CSS, Flask, FastAPI

Developer Tools: Git/Github, VS Code, Jupyter Notebook, Cursor, Warp, Windsurf, RabbitMQ, Docker

Libraries: Pandas, NumPy, Matplotlib, Scikit-learn, Pika

Hobbies/Interest: Photography, Rock Climbing, Hiking, Chess, Soccer, Volleyball, Reading, Music, Kayaking