

# Nathan Bezebeh

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## EDUCATION

### VIRGINIA TECH, College of Engineering

Bachelor of Science, Computer Science Concentration in AI, Minor in Cybersecurity

Blacksburg, VA

May, 2027

**Relevant Coursework:** Data Structures & Algorithms, Intro to Computer Organization, Intro to Problem Solving

### NORTHERN VIRGINIA COMMUNITY COLLEGE

Associates of Science, Computer Science

Alexandria, VA

May, 2025

GPA 3.55, Magna Cum Laude, Dean's List Every Semester, Presidential Scholar

**Relevant Coursework:** Object Oriented Programming, Intro to Discrete Structure, Data Struct. & Analysis of Algorithms

## TECHNICAL

**Certifications:** CodePath Intro to Cybersecurity, Oracle AI Foundation, Oracle Data Science Pro

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

**Tools:** VSCode, GitHub, RStudio, AutoCAD, Inventor, Onshape, MATLAB, Google Suite, Microsoft Suite, Excel, Canva

**Frameworks:** React.js, Next.js, Firebase, Berkeley Madonna, jGRASP

**Concepts:** OOP, DSA, AI/ML, Cybersecurity, Data Modeling, REST APIs, Discrete Math, Cloud Computing, DBMS

## EXPERIENCE

Epiq Remote

### Contact Center Agent

January 2026 – Present

- Resolved 10-15 client cases per shift with a 95%+ quality assurance score by applying standardized intake workflows, precise documentation, and clear client communication for legally sensitive matters
- Responsible for issue triage and resolution efficiency across complex workflows; leveraged case-management tools, prioritization frameworks, and cross-team escalation to reduce average handling time by ~15%

### CURE

Normal, IL

### Computational Biology Researcher

June 2025 – August 2025

- Researched COVID-19 exposure-to-infection probabilities in controlled classroom environments by compartmentalizing patients into sample groups to simulate and counteract COVID-19 transmission dynamics
- Built Python-based predictive and statistical models using RStudio and Google Colab, improving research efficiency by 300% and reducing disease propagation by 25%

### HEADSTARTER AI

Remote

### AI Fellow

June 2024 – December 2024

- Built a Python and Rasa LLM chatbot linked to an OpenAI API with 1000+ lines of code, with a research team of 5, designated as an on-prem in-house AI assistant for 100% semantic reasoning and question resolution feedback
- Constructed a React and Next.js inventory management system that integrated full-stack and machine learning components such as decision trees, neural networks, and a virtual server instance over the course of two quarters

### CVS Pharmacy

Alexandria, VA

### Lead Certified Pharmacy Technician

May 2023 – Present

- Managed PII and optimized patient records in CVS's RxConnect while supporting 10,000+ patients with prescriptions, vaccinations, and insurance claims, achieving 99% satisfaction

## PROJECTS/ACTIVITIES

### Fitness Partner Finder App

November 2025 – Present

- Building a Python, JavaScript, CSS based-web application to help people find and match with local fitness partners

### Analysis of Multi-Stage Dynamics on Student Debt

June 2024 – June 2025

- Developed Python simulations using discrete math and calculus to model long-term policy impacts on student debt
- Designed reproducible Colab workflows that enabled scalable collaboration across several university research teams

Member, National Society of Black Engineers

Blacksburg, VA, 2025 – Present

Vice President, Ethiopian Eritrean Student Association at NOVA

Alexandria, VA, 2024 – 2025

**Interests:** building my mini data center, updating my restaurant Excel masterlist, running my personal training business