

Nash Pillai

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📍 Fishkill, NY

🇺🇸 US Citizen

EDUCATION

Georgia Institute of Technology, B.S. Computer Science (Honors), *Concentrations: Cybersecurity & AI* 2025 – 2027

- Responsibly disclosed vulnerabilities affecting GTPD, the PACE supercomputer, GTENS emergency notification system, and many other university systems GPA: 4.0
- Coursework: OOP, DSA, Lin Alg, Multivar Calc, Design & Analysis of Algorithms, Robotics, Artificial Intelligence, Machine Learning, Binary Exploitation, Privacy and Cybersecurity Policy

John Jay High School, Ranked 3rd of 500, GPA: 103.6 2021 – 2025

- Found sensitive documents publicly exposed on district CDN and reported to school administration
- Found and reported student info (SAT score, GPA, college decisions) published without proper anonymization

SKILLS

Backend: Python, Java, Kotlin, Gradle, Docker, SQL, PostgreSQL, Node.js, OpenCV, MongoDB, Git

Web: TypeScript, JavaScript, React, Next.js, Redux, Tailwind CSS, CSS, Prisma, Stripe

DevOps: Linux, NixOS, Azure, GCP, Bash, CI/CD, Docker

EXPERIENCE

Cybersecurity Intern | PrizePicks May 2026 – Present

- Worked on GCP security across cloud infrastructure and services
- Performed network pentesting and mobile and web application security testing using Burp Suite

Vice President & Former CTF Team Captain | GreyHat (GT Cybersecurity Club) Aug 2025 – Present

- Led team that built an LLM-based CTF solving agent, with automated self-training based on writeups
- Competed in multiple CTFs, including CSAW (13th in North America), corCTF (top 10%), and Buckeye CTF
- Gave multiple talks and ran workshops for the club

Director of Web Development | Ember Learning Aug 2023 – May 2026

- Created an AP Exam Simulator for the Ultimate Review Packet that **generated \$400k** and was used by **160k students**
- Led dev team to design and ship the frontend and backend of deaplearning.com (custom-trained AI tutors for AP courses), scaling to **300k users** and **\$10k ARR**
- Deployed and maintained server, database, AI infrastructure, and networking on **Azure** and **Railway**
- Building emberlearning.org, creating AI teaching assistants for any lesson at the scale of entire school districts
- Integrated **telemetry** and **observability** using Sentry and Posthog and ran **A/B testing** for user retention

President & Programming Leader | John Jay Robotics Club (Jaybots FTC #16700) June 2022 – May 2025

- Led team to qualify and compete at **World Championship** for the first time in club history, winning #1 Judge's Choice
- Organized and ran dozens of community workshops for CAD, coding, AI/ML, digital circuits, 3D printing, and more
- Built a full inventory management system with user management, admin panel, part tracking across projects, and web scrapers to update supplier info
- Engineered production-grade robot control software in Kotlin and Java, including custom drivers and event loops
- Created image processing pipelines in OpenCV and integrated multiple sensors for autonomous scoring

AWARDS AND ACHIEVEMENTS

- **IBM Certified Cybersecurity Analyst**
- **BSides Atlanta**, 1st place in CTF, youngest of 400+ attendees
- **AI Atlanta Hackathon**, 1st in PrizePicks (Next-Gen Game Flow) and Matt Steele (Data Hack) tracks with swishhh.tech
- **2× Lockheed Martin CyberQuest**, 2nd place at Stratford, CT
- **FTC Robotics World Championship**, advanced individually as Dean's List Finalist
- **3× Control Award Winner** (best robot code), 1st Place at FTC Robotics State Tournament, Albany, & Peekskill
- **CMIMC** (Carnegie Mellon Coding Competition), 6th place overall of 96 teams
- **Congressional App Challenge Winner**, built [Progress in Congress](https://progressincongress.com)
Presented to members of Congress at the Capitol building during the annual House of Code Event