

LILLI NAPPI

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EDUCATION

Stevens Institute of Technology | Hoboken, NJ

Aug 2021 - May 2025

Bachelor of Science in Computer Science, GPA 3.5

Minor Science, Technology & Society

Coursework: Deep learning, Data Mining, Cybersecurity, DevSecOps, Agile Methods, Web Programming I & II, DBMS I & II

SKILLS

Languages: Python, Java, C, C++, C#, HTML, JavaScript, CSS, React, Tailwind CSS, SQL, Mongoose, R

Technologies: Docker, AWS, Node.js, Redis, Postman

DBMS: MySQL, PostgreSQL, NoSQL, MongoDB

Operating Systems: Linux, Unix, Windows, Ubuntu

Soft Skills: Teamwork, Initiative, Communication, Quick Learner, Time-Management, Problem-solving, Leadership

EXPERIENCE

BD (Becton Dickinson)

Application Development Intern / Franklin Lakes, NJ

Jun 2024 – Aug 2024

- Spearheaded GenAI Chatbot prototype using Copilot Studio, automating 80% of end-user's inquiries during hypercase stage
- Developed Microsoft Power App to automate purchase order request process for hundreds of vendors across BDI division
- Identified JDE password reset automation saving \$20k in development, by leading cross-functional team collaboration
- Led requirement sessions with global stakeholders for ERP migration project that reduces licensing fees by \$450k annually

Code Ninjas

Curriculum Developer / Remote

Sep 2024 - Present

- Created educational programs for largest children's coding franchise across 400+ locations reaching over 100,000 students
- Developed cybersecurity curriculum teaching MFA, brute-force attacks, malware, phishing scams, and cryptography methods
- Performed QA tests, debugging, piloting new programs and developed training materials

Assistant Site Director / Midland Park, NJ

Jan 2024 – Nov 2024

- Increased customer retention by developing engaging coding programs that attracted repeat customers
- Created monthly coding challenges for students, improving customer engagement
- Boosted sign-up rates by launching YouTube Channel showcasing students' accomplishments
- Managed 20+ camp curriculums, supervised 15+ staff members, and oversaw daily operations

Code Sensei / Midland Park, NJ

Sep 2023 – Nov 2024

- Designed top-selling curriculum for Girl Scouts to earn coding badge, leading to partnership with Girl Scouts of Northern NJ
- Led 15+ camps teaching AI/ML, coding mods in Minecraft Java Edition and developing Roblox games in Lua
- Instructed children in JavaScript and C#, teaching object-oriented programming, and game development
- Debugged code, graded projects and provided constant communication to parents on student's progress

ACADEMIC PROJECTS

HeraHealth / *Python, Node.js, Postman, MongoDB Atlas, Android Studio*

Sep 2024 – May 2025

- Achieved 96% accuracy in predicting postpartum blood loss volume on user uploaded images of maternal pads
- Designed MongoDB schema, Node.js server and RESTful APIs for mobile app, securing communication with JWT tokens
- Selected as the only undergraduate team to present work at Steven's Institute of Technology CS Townhall

Grocery Genie V2 | *Node.js, Express, MongoDB, Docker, AWS*

Mar 2025 – May 2025

- A grocery sharing application to make grocery shopping among households and roommates easier
- Implemented CI/CD pipeline using GitHub Actions following DevSecOps lifecycle

Musicboxd | *Next.js, React, Typescript, Socket.io, Tailwind CSS, Mongoose, MongoDB, Docker, AWS*

Oct 2024 – Dec 2024

- Developed full-stack social media platform enabling real-time chatting and content sharing
- Utilized Spotify API for up-to-date songs, albums and artist information

Extended SQL Compiler / *Python, SQL, PostgreSQL*

Sep 2024 – Dec 2024

- Developed a multi-feature query extension for the GROUP BY clause, enabling independent aggregation of variables
- Enhanced SQL by allowing users to query more succinctly, reducing query response time and improving result accuracy