

Anik Dey
2525 Sentinel Court, Cumming, GA, 30041
(470) 841-3575 deyanik2007@gmail.com

An 11th grader with a high GPA who is an independent learner with experience in several advanced programming languages. Experience in industrial and research settings in the field of AI and software development. Earned several prestigious awards and scholarships. Seeking an internship opportunity or research project during the summer.

EDUCATION

Denmark High School

Class of 2025

- GPA: 4.26/5.0
- Current coursework: AP CSA, AP Calc AB/BC, AP English Language, AP Physics 1, US History
- PSAT: 1480/1520
- Founder of school's AI Club

WORK EXPERIENCE

Bazar (bazar.earth)

June 2022 - August 2022

Silicon Valley based e-commerce startup focused on promoting local merchants and local shopping practices

Web Development Intern (HTML, CSS)

- Revamped 80% of pages on the website with modern UI/UX practices to catch up with the industry
- Developed a chat system for the startup's e-commerce application
- Improved overall performance of the website by 10-15%
- Collaborated with other team members to successfully execute the project
- Utilized marketing strategies
- Leveraged knowledge in Git to work with the codebase

Bazar (bazar.earth)

June 2023 - Present

Silicon Valley based e-commerce startup focused on promoting local merchants and local shopping practices

Software Engineering Intern (JavaScript, React, NextJS, Python, Django, PostgreSQL, HTML, CSS)

- Revamped 90% of the e-commerce section of the web app by closely following Figma Designs and developing reusable and scalable components in order to match current UI/UX practices
- Incorporated latest UI/UX trends in the web app such as infinite scroll and advanced pagination
- Reviewed other interns' code through GitHub pull requests and improved it
- Increased performance of the web app by 15-20%
- Increased reach of the web app by 23%
- Leveraged knowledge in Git to work with the codebase
- Added robust recommendations feature by implementing infinite scroll and communicating with a rest API built in Django
- Developed a recommendation engine using machine learning that gathers and returns relevant products based on a set of parameters

University of Georgia

December 2023 - Present

Research Assistant Intern (Scala)

- Researching the implementation of reverse mode automatic differentiation in Scala through machine learning
- Identified critical bugs in the program and tried to solve them
- Collaborating with professors and PHD students for this project
- Working as a team member to contribute to the university's machine learning and optimization library called ScalaTion which performs linear algebra, calculus, and modeling operations

SKILLS

Programming: JavaScript, Java, Python, Scala, HTML, CSS, ReactJS, NextJS, React Native, Django

Languages: English (fluent), Bengali (fluent), Spanish (amateur)

PROJECTS

- Tuition Hub: A mobile app hosted in Google Play Store that helps needy children find free tuition and explanations of subjects (<https://play.google.com/store/apps/details?id=com.user.TuitionHub>)
- Neome: A mobile app hosted in Google Play Store that helps users organize their rules and events (<https://play.google.com/store/apps/details?id=com.anikdey.NeomeApp>)
- Report It: A mobile app that allows users to file reports of child labor and NGO workers to track those reports to end child labor (Demo: <https://youtu.be/J27j8SW10uc> <https://youtu.be/7IDNMdjQ5AI>)
- AI Chatbot: A web app that utilizes the OpenAI API to create an interface where users can communicate with an AI chatbot
- Bazar Messenger: A messaging app similar in design to WhatsApp (https://youtu.be/o_v_A5PJixo)
- Botify: A Discord music bot that plays music to users and can perform multiple operations
- Magic Website: My personal website that promotes my magic shows and encourages people to book my shows (<https://deymagic.000webhostapp.com>)

AWARDS & CERTIFICATIONS

Quantum Computing	February 2024
National Merit Scholarship Qualifier	October 2023
National Cyber Scholar	May 2023
FBLA State Finalist	March 2023
CyberStart Semifinalist	November 2022
Karate Third Degree Black Belt	September 2021

EXTRACURRICULARS

Linguistic Adventures

- Running a blog centered around linguistics (https://docs.google.com/document/d/1luBkAxVxRxWtCRNfJKtOPCPDn2zd5sbL_bP4ew_Ey6M/edit?usp=sharing)
- Researched various subtopics surrounding linguistics in order to assist with the posts

Magic

- Hosted magic shows for nonprofit organizations and fundraising events

Painting

- Working to put canvas paintings up for commission

Volunteering

- Volunteering at a local thrift store and library
- 100+ hours