

Navraj Singh

Queens, NY | navrajrehal05@gmail.com | (516)-800-7935 |

EDUCATION

University of Virginia | *Bachelor of Science*

Charlottesville, VA | **08/2023 – Present**

- Cumulative GPA: 3.7

Bayside High School | *High School Diploma*

Queens, NY | **09/2019 – 06/2023**

- Cumulative GPA: 4.0

SKILLS

- Software**
Java, Python, JavaScript, HTML/CSS, VSCode, PyCharm, IntelliJ, Jupyter Notebook, Google Collab, Microsoft Office, PowerPoint, Adobe Acrobat, Google Suite, AutoCAD.
- Principles**
Attention to detail, critical thinking, communication, problem solving, teamwork, leadership, maintaining organization, punctual.

PROJECTS

- E-COMMERCE WEBPAGE (FULL STACK)**
Developed a full stack e-commerce website using HTML, CSS, and JavaScript, allowing users to browse and search for products, customize options, manage their cart, and track orders. Implemented advanced features including modules, object-oriented programming, callbacks, promises, and async/await, alongside backend development and external libraries.
- VIDEO STREAMING INTERFACE REPLICA (FRONT END)**
Developed a video streaming interface compatible with multiple devices, showcasing and connecting to various video genres. Built using HTML and CSS, leveraging CSS Grid, Flexbox, positioning techniques, responsive design, and media queries to ensure cross-device functionality. Progressed foundational HTML and CSS skills to structure content and style elements.

EXPERIENCE

Headstarter AI | *SWE Fellow*

Queens, NY | **07/2024 – Present**

- Built 5+ AI apps and APIs using NextJS, OpenAI, Pinecone, StripeAPI with 98% accuracy as seen by 1000 users.
- Developed projects from design to deployment leading 4+ engineering fellows using MVC design patterns.
- Coached by Amazon, Bloomberg, and Capital One engineers on Agile, CI/CD, Git and microservice patterns.

Outlier AI | *AI Training Advanced Coder*

Queens, NY | **05/2024 – Present**

- Evaluated performance of AI models in generating efficient code, providing 60+ detailed feedback reports.
- Testing AI models' capabilities in advanced mathematical concepts, including linear algebra and probability to ensure precise problem-solving skills.
- Developed and implemented 25+ robust test cases to verify the efficiency and effectiveness of AI-generated code.

The Odin Project | *Full Stack Developer*

Queens, NY | **05/2024 – 06/2024**

- Developed 5 projects (Recipes, Landing Page, Rock Paper Scissors, Etch-a-Sketch, Calculator using HTML, CSS, and JavaScript).
- Utilized Git for version control and Node.js for JavaScript runtime environment, and developer tools for efficient coding.
- Gained proficiency in web development tools: Text Editors, Command Line, Flexbox, and DOM manipulation.

CERTIFICATIONS

Goldman Sachs | *Software Engineering Job Simulation*

- Simulated Goldman Sachs governance analyst role, assessing IT security and suggesting improvements.
- Identified outdated password hashing algorithm by cracking passwords using Hashcat.
- Proposed password protection uplifts: extended length, hashing algorithms, and concepts such as salting/peppering.

Hands-On AI | *Build a Generative Language Model from Scratch*

- Developed an understanding of AI and language models, including their applications in natural language processing.
- Gained hands-on experience building generative language models using Markov chains, including a text completion project.