Amritpreet Singh

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OBJECTIVE: Seeking an Internship in Software Development, Data Analysis, or Cloud Engineering

EDUCATION: **Stony Brook University** , Stony Brook, New York, GPA 3.82/4.0
Master of Science in Computer Science (Graduation May 2026) ,
Stony Brook University, Stony Brook, New York, GPA 3.82/4.0
Bachelor of Science in Computer Science (Graduation May 2025)
2nd Major in Applied Mathematics

WORK EXPERIENCE:

Mavn AI, NYC, NY   **AI Developer**   **July 2024 – Present**
- Developed refined solutions to complex AI prompts that are asked in AI models such as ChatGPT and Bard.
- Performed code reviews, created test cases, and completed quality assurance requests with numerous languages such as Ruby, Bash, Python, and C#

SBU Division of Information Technology, Stony Brook, NY   **Student Technologist**   **January 2022 – Present**
- Provided technical support to students and staff for the University's Learning Management System, Lecture Capture System (Echo 360), and collaboration tools (Zoom, VoiceThread)
- Communicated directly with over 500 students, faculty, staff, and community contacts via traditional and electronic means
- Developed and facilitated high-quality webinars and training workshops for groups of 20 members

Techie Youth, Queens, NY   **Information Technology Intern**   **July 2021 – August 2021**
- Acquired research and troubleshooting instructions for 75+ web developers, IT managers, and backend engineers
- Completed preliminary tasks on technical projects using SQL, Python, and GitHub

NYC Department of Social Services, NYC, NY – Fair Fares   **Data Analysis Intern**   **July 2020 – August 2020**
- Analyzed requirements for reduced fare metro cards incorporating finances, living conditions, and overall needs using Excel.
- Worked with 50+ people on their applications using Jira, Microsoft Teams, and WebEx

PROJECTS:

Question Answer Forum | *MongoDB, Express, React, NodeJs, BCrypt, Cookie-Parser*
- Website hosting various users where questions regarding any topic can be asked and answered. Questions and answers can be commented on, voted upon, and viewed by all users on the site. Users can use their login credentials or a guest account.
- MongoDB to store answers, questions, and users. Express for server-side programming, React for client side. BCrypt to securely store and hash passwords. Cookies to store login information and keep users logged in for a long period of time.

Youtube API Site | *Rapid API, React, CSS*
- Using the Youtube Rapid API, I received real time videos, channels, and views information. The site contains an explore page for multiple topics and a search bar for specific results. Users can select videos to view in full screen and see related videos. The video page shows real time views and likes that update consistently.
- React for client side programming. CSS to build the layout. Rapid API for the requests during user interactions

SKILLS (TECHNICAL / NON TECHNICAL)
- Fluent in English, Punjabi and Hindi. Attentive to details with problem-solving, organizational , and collaborative skills
- Programming Languages: Java, HTML, CSS, JavaScript, Python, SQL, C, MERN Development (MongoDB, Express, React, Nodejs) Experience with Amazon Web Services, Full Stack Development, Azure, Linux Maintenance, CI/CD Development
- Comfortable in*: Microsoft Word/Excel/Powerpoint, Google Docs/Slides, Multisim, Tinker CAD, Notepad++, MS Paint, Autodesk Inventor, Digication, VoiceThread, GitHub, Tableau, PowerBI
- Relevant Courses : Numerical Analysis, System Fundamentals, Discrete Mathematics, Computer Security

ACTIVITIES/AWARDS:
- Tau Beta Phi Engineering Honor Society   Member   September 2022 – Present
- Computer Science Honor Society   Member   September 2021 – Present
- University Scholars Honors   Member   December 2021 – Present