Justine Prasad

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EDUCATION

Hofstra University   Hempstead, NY
Bachelor of Science in Computer Science & Mathematics   GPA: 3.71
Sept. 2021 – May 2025

EXPERIENCE

Information Technology Support Technician   Nov. 2021 – Present
Hofstra Law University   *Hempstead, NY*
- Provided real-time troubleshooting and guidance for 50 weekly class sessions, resulting in a decrease in technology-related disruptions during lectures
- Prioritized and resolved weekly support requests from Hofstra Law School and Clinic with an average response time of less than 1 hour
- Communicated with management to streamline onboarding tech training, accelerating time to tech proficiency for new hires and professors

Undergraduate Student Researcher   June 2023 – August 2023
Hofstra University   *Hempstead, NY*
- Developed and optimized both Hugging Face encoder-decoder and two-layer GCN models for node classification using Python, achieving 81.22% accuracy on the Cora dataset
- Presented research on 'Large Language Models with Graph Neural Networks for Legal Document Classification' at a Hofstra University symposium, gaining hands-on experience with PyTorch Geometric, Transformers, and BERT Models
- Conducted in-depth research on the architecture of Graph Neural Networks (GNNs) and Large Language Models (LLMs), synthesizing key insights into comprehensive notes for future implementation

Computer Science Tutor   Nov 2022 – April 2023
theCoderSchool Roslyn   *Roslyn, NY*
- Delivered personalized instruction to 4 students in Scratch and Python, guiding them through weekly projects that enhanced their grasp of essential computer science principles
- Directed a 5-person elementary class in Scratch programming, establishing a hands-on, interactive environment that increased student engagement and facilitated learning
- Designed and implemented custom lesson plans tailored to individual learning styles and goals, resulting in marked improvement in student problem-solving skills and project complexity

PROJECTS

Portfolio Website | *HTML, CSS, JavaScript, React, Netlify*   September 2023
- Utilized React and JavaScript to develop a dynamic, interactive portfolio website, showcasing key projects and skills
- Automated website deployment through Netlify, leveraging Git for version control and seamless updates
- Employed Material-UI alongside HTML and JavaScript for modern, responsive design and enhanced usability

Console Note-Taking Application | *C++ Windows DLL*   July 2023
- Developed a console-based note-taking application in C++, enabling users to conveniently create, edit, and manage notes
- Leveraged custom-built Windows DLLs for note-taking functionalities such as loading and writing notes, and also ensuring functional modularity
- Gained practical experience with C++ file handling techniques for persistent storage and retrieval of user notes

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS
Frameworks | Developer Tools: React, Node.js, Material-UI, Microsoft Azure, Pandas, Git, VS Code
Classes: Data Structures & Algorithms, Operating Systems, Database Management, Assembly Programming, Linear Algebra
Awards: Hofstra Presidential Scholarship, Dean's List