Justin Dy

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EDUCATION & RELEVANT COURSEWORK

University of Iowa | Bachelor in Computer Science at the College of Liberal Arts and Sciences   2023 - 2027
- Computer Programming Fundamentals I & II, Data Structures, Discrete Structures, Introduction to Software Development.

Leadership & Organization Involvement: Tippie Technology & Innovation Association (University of Iowa)
- Acted as a general member, attending industry-experienced guest speaking and company networking/hiring events, connected and collaborated with other like-minded students/peers, and performed community service.
- Pi Kappa Phi Social Fraternity: Active member, facilitating effective communication and organizational strategies among 150+ fraternity members to build events, organize volunteer work and achieve chapter goals.

Plainfield North High School, Plainfield IL | GPA - 5.2 (weighted)   2019 - 2023

CERTIFICATES

Amazon | AWS - Certified Cloud Practitioner   2024 - 2028

PERSONAL PROJECTS

Marketplace Clone | Javascript, Typescript, HTML, CSS   July 2024
- [Marketplace](#) - Created a fullstack, fully-functional Facebook marketplace clone from scratch.
- Implemented Google's Developer API which allows users to login with their Google account and utilize Google Maps to locate posts, Stores website activity and user data using MongoDB.

AI Video Generator | Javascript, Typescript, HTML, CSS   Aug. 2024
- [Url-to-Video](#) - Application that takes any article or webpage via URL and creates a short-video from it.
- Utilizes OpenAI's new GPT-4o and gptscript to summarize, generate b-roll images, and add a voiceover.

AI Application | Python   Jun. 2024
- [AI Search Assistant](#) - Created an AI program that deploys a fine-tuned Llama 3.1 model to artificially generate titles when questions on a specific data set are asked.
- Applies NVIDIA's Llama 3.1 8B Instruct Model NIM, LoRA, and NVIDIA's Nemo Framework.

EXPERIENCE

Information Technology Assistant   May 2024 - Aug. 2024

Versailles on the Lakes | Oakbrook, IL
- Collaborated with the IT team to troubleshoot and debug software issues, assisted in software deployment, and contributed to documentation, enhancing system performance and user satisfaction.
- Resolved customer technical issues by providing clear instructions and solutions via text and email, ensuring effective communication and maintaining high levels of customer satisfaction.
- Provided technical support for software applications and systems, resolving issues related to network connectivity, software installation, and hardware configuration, ensuring minimal downtime for users.

TECHNICAL SKILLS

Languages: Python, Java, Javascript, Typescript, HTML, CSS

Frameworks: React, Express, Node, Django, Tailwind, GPTScript, AWS CDK, Ffmpeg

Developer Tools: Google Cloud Platform, Google for Developers, VS Code, Visual Studio, Pycharm, IntelliJ, Git, OpenAI API, AWS, MongoDB