

Jhoon Yi

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Education

B.S Information Technology, *University of South Florida*, GPA: 3.75 / 4.00

Expected Grad: May 2026

- Relevant Coursework: IT Object-Oriented Programming, Foundations of Cybersecurity, IT Programming Fundamentals, IT Concepts, Intro to Databases for IT, Foundations of Engineering Lab

Technical Skills

- **Languages:** Python, JavaScript, HTML/CSS, SQL,
- **Frameworks:** Next.js, React, Node.js, SQLite, MySQL
- **Libraries:** Taipy, jQuery, Pandas, Bootstrap, Material UI
- **Tools:** Git, Github, VSCode, Vercel, Firebase, Netlify, OpenAI API, Microsoft Office, PyCharm

Experience

Tech Lead - *Google Developer Student Club*

July 2024 - Present

- Organized a Taipy workshop to teach students how to build a full-stack app for tracking BMI.
- Collaborated with other tech leads and e-board to efficiently plan and execute workshops, imparting valuable knowledge to students.

Software Engineer Fellow - *Headstarter AI*

July 2024 - September 2024

- Built 5+ AI projects using ReactJS, NextJS, OpenAI, AWS, Material UI, Firebase, and StripeAPI.
- Developed projects from design to deployment with a team of 4 using agile methodology.
- Mentored by representatives of Google, Microsoft, and Meta on career guidance and project management.

Projects

Cardlet | *Next.js, React, Material UI, Firebase, OpenRouterAPI, Clerk, Stripe, Vercel*

August 2024

- Utilized **Meta's LLaMA 3.1** AI model to process user text input and file uploads, creating customized flashcards.
- Integrated **Clerk** for seamless user authentication and **Stripe** for secure payment processing.
- Created an interactive dashboard using **React** and **Next.js**, providing a dynamic and user-friendly interface.

Customer Service Chatbot | *Next.js, React, Material UI, Firebase, OpenRouterAPI, Vercel*

August 2024

- Developed a chatbot inspired by Gainful, leveraging Meta's LLaMA 3.1 AI model for responsive user interactions.
- Engineered the frontend using **Next.js**, **React**, and **MUI** ensuring a modern, user-friendly interface.
- Implemented **Firebase** Firestore real-time data management and Authentication for secure user authentication.

StockedIn | *Next.js, React, Material UI, Firebase, Vercel*

August 2024

- Developed an inventory tracker using React, Next.js, and Firebase, enabling real-time inventory management.
- Implemented secure user authentication with **Firebase Authentication**, offering data security and user privacy.
- Enhanced the UI with **Material UI**, making the app visually appealing, accessible, and easy to use across devices.

HealthGPT, Hacklytics | *Python, Taipy, OpenAI, Git*

February 2024

- Constructed a **full-stack** application utilizing **Taipy**, a **python** library, to promote a healthy diet and BMI.
- Catered a personalized meal plan by calculating BMI, calories, and user's body metrics via **OpenAI's API**.
- Engineered and trained a sophisticated **chatbot** capable of addressing various user inquiries.