

Simardeep Khinda

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EDUCATION

Embry-Riddle Aeronautical University

Master of Science in Cybersecurity Engineering

Daytona Beach, FL

Expected May 2026

Bachelor of Science in Computer Science; Minor in Business Administration

Expected December 2025

- **GPA:** 3.62/4.00
- **Relevant Courses:** Discrete Mathematics, Data Structures and Algorithms, C Programming, Java Programming

Associate of Science in Aeronautical Science

August 2022

- **GPA:** 3.65/4.00

PROJECTS

AI-Enhanced Learning Program | *HTML, CSS, JavaScript, Python, Flask*

- Worked with a team of 4 to develop the website using HTML, CSS, and JavaScript, creating an adaptive learning platform.
- Collaborated on the implementation of **Bayesian Knowledge Tracing** in Python to generate personalized lesson plans based on each child's strengths and weaknesses in mathematics.
- Utilized **Postman** for API testing and using the **Flask** framework to host the backend for client-side use.

Weather Predictor | *Java*

- Engineered a **time-series** forecasting model leveraging diverse machine learning algorithms, encompassing **linear** and **polynomial** regression techniques for weather prediction.
- Employed Java-based software to conduct feature engineering, model training, and prediction generation, utilizing advanced statistical techniques to analyze temporal data patterns.

Lethal Proxies Bot | *JavaScript, Node.js, Selenium, Heroku, REST API*

- Automated company tasks including real-time stock checking functionality by leveraging **Discord.js** and **Selenium** with the supplier's website, ensuring accurate and up-to-date inventory data.
- Enabled seamless customer interactions by providing real-time product availability updates through the Discord bot.

Project NFT | *Python, JavaScript, Heroku, REST API*

- Established a non-profit Discord community to provide over **500 members** with NFT-related information.
- Implemented a real-time gas fees and crypto value checker in Python and JavaScript, updating every 2 minutes, to provide users with up-to-date information on transaction costs for enhanced decision-making in cryptocurrency transactions.

PROFESSIONAL EXPERIENCE

Brown & Brown, Inc

Technology Solutions Intern

Daytona Beach, FL

May 2024 - Present

- Developing a catalog of **Bicep** templates to be used as Template Specs within **Microsoft Azure**, streamlining the deployment of resources and improving infrastructure as code (IaC) practices.
- Utilizing **Azure DevOps** for version control, continuous integration (CI), and continuous deployment (CD).

Embry-Riddle Aeronautical University

Teaching Assistant (CS 222: Discrete Structures and Logic)

Daytona Beach, FL

August 2023 - Present

- Offering one-on-one tutoring sessions to assist **50+ students** in understanding complex concepts and discrete math techniques.
- Grading written assignments, ensuring accurate assessment and providing detailed feedback to students.

The Space Sole

Founder

E-Commerce

Mar 2019 - June 2023

- Efficiently managing an e-commerce business specializing in commodities such as sneakers, clothes, and electronics.
- Proficiently maintaining a stable inventory, promptly fulfilling orders, and fostering strong connections with partners and clients.
- Operated automation softwares using cloud servers and proxy servers and tools to **increase revenue by 400%**.

Lethal Proxies

Founder

E-Commerce

Dec 2020 - Mar 2023

- Initiated the hosting of proxy servers through AWS, and worked with major proxy providers for quality and success for users.
- Grossed over **\$90k in revenue** in 2022, with improvements to proxy service, marketing, and collaborating with other companies.
- Designed Discord bots in Discord.js to improve efficiency for customers contributing to the sale increase of **180% in 2022**.

SKILLS & INTEREST

Skills: HTML, CSS, Java, JavaScript, Python, C, Node.js, Proxies, Machine Learning, AWS, Heroku, REST APIs, Data Algorithms

Languages: Fluent in English; Conversational Proficiency in Punjabi and Hindi