

Narein Boddapati

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Education

University of Cincinnati

Expected May 2028

Bachelor of Science in Computer Science (GPA: 3.85 / 4.00)

Cincinnati, OH

- **Relevant Coursework:** Probability and Statistics, Discrete Computational Structures, Linear Algebra

Experience

Feng Chia University

Aug 2025 – Present

Research Assistant

Taichung, TW

- Assisting in a computer vision (CV) research project, contributing to the development and implementation of project objectives
- Writing and testing Python code while collaborating closely with faculty to support ongoing research tasks and experiments

University of Cincinnati

May 2025 – Aug 2025

Digital Technology Solutions Worker

Cincinnati, OH

- Tested the Angular web application to verify that the MapsIndoors integration matched CAD plan documents, ensuring accuracy and consistency across versions
- Developed and refined UI components, improving usability and responsiveness while aligning with project design requirements
- Debugged and modified existing code to resolve errors, enhance performance, and maintain long-term application stability

Danlaw

Jan 2025 – Apr 2025

Software Applications Intern

Novi, MI

- Enhance an existing Angular application by creating new pages, modifying functionalities, and improving the designs to deliver responsive and user-friendly features
- Author and maintain comprehensive API documentation using OpenAPI specification, ensuring clarity and accessibility for developers and stakeholders
- Collaborate with other team members to troubleshoot, debug and deliver high-quality solutions while actively contributing to successful project outcomes

Projects

E-Commerce Linear Regression Model | Python, Linear Regression Model

- Developed and trained a Logistic Regression model to predict customer purchasing behavior using real-world e-commerce dataset, achieving a prediction accuracy of over 94%
- Performed comprehensive data pre-processing and feature engineering, including outlier detection, missing value handling, and correlation analysis to enhance model performance.
- Visualized key insights through matplotlib, such as purchase trends and feature relationships, to support data-driven decision-making

Investment Calculator | HTML/CSS, Typescript, Angular

- Developed this web application with Angular as the front-end framework, utilizing Typescript, HTML and CSS for responsive and user-friendly design
- Leveraged Angular's component-based architecture to implement real-time calculations and present detailed investment results, including total interest earned and cumulative amount, through an intuitive interface
- Implemented real-time data binding to dynamically display annual growth and total interest earned

Technical Skills

Languages: Python, C++, JavaScript, TypeScript, MySQL, HTML/CSS, MATLAB, VBA, LabVIEW

Technologies: Angular, NumPy, Pandas, Matplotlib, OpenAPI

Certifications: Supervised Machine Learning: Regression and Classification, Introduction to Machine Learning, Performing a Technical Security Audit

Developer tools: Git, GitHub, SourceTree, VS Code, Visual Studio, PyCharm, WebStorm, Swagger, Jira