

Pierce Nance

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EDUCATION AND ACHIEVEMENTS

California State University, Los Angeles

Aug. 2022 — May 2025

B.S. Computer Science

SKILLS

Proficient Languages: Python, Java/Kotlin, C, SQL, JavaScript, HTML/CSS, Bootstrap

Frameworks/Libraries: NumPy, SciKit, Pandas, Django, Pytorch, BeautifulSoup

Soft Skills: GitHub, Agile Development, IT, Networks, Customer Service, Problem-Solving

EXPERIENCE

Machine Learning and Full Stack Engineer Internship - Sadaora June. 2025 — Aug. 2025

- Assisted in building an AI agent that specializes in career development and research, by utilizing Python, JupyterLab, and LangChain
- Created and implemented a Tool Executor feature that combined database and web information, efficiently producing accurate and detailed results
- Redesigned the webapp's frontend using React to update and simplify its UI and navigation features

PROJECTS

Mental Health Detection Using Machine Learning

Apr. 2025

- Designed and implemented classification models including Logistic Regression, Random Forest, Artificial Neural Network (ANN), and CatBoost
- Achieved an AUC Score of 0.98 on a dataset of 17 features and 28,000 samples, demonstrating strong predictive performance

Marketing Trends AI Webapp

Apr. 2026

- Designed a webapp using Python, OpenAI, and Exa API for researching marketing tactics.
- Displays results with HTML/CSS which would expand upon tactics, ROI, and ways to implement for a company's needs

Amazon Web Scraper

Aug. 2026

- Designed a webapp using Python, BeautifulSoup, and ScrapingBee to scrape Amazon for discounts on items within a search query
- Implemented a card based frontend with HTML/CSS which displays items after they are gathered, and a backend supported by Python libraries for optimal webapp functionality

CERTIFICATIONS/ AWARDS

COMPTIA A+ Certification

- Developed a broad knowledge in both computer hardware and software, such as operating systems, ticketing systems, hardware management, and basic networking
- Gained deep comprehension in working with and troubleshooting advanced computer information systems

COMPTIA Network+ Certification

- Developed extensive knowledge in networking including networking devices, network management, and cloud services
- Extensive understanding in monitoring network information, maintaining network security, and troubleshooting network issues