DAVID LI

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Availability: January 2026 – June 2026

EDUCATION

Northeastern University, Boston, MA   May 2028
Candidate for BS in Computer Science and Business Administration   *GPA 3.74*
Related Coursework: Foundations of Data Science, Algorithms & Data, Object Oriented Design, Introduction to Databases, Discrete Structures
Honors: Dean's List

TECHNICAL SKILLS

Programming Languages: Java, Python, HTML, CSS, JavaScript, R
Technologies: Git/GitHub, VS Code, IntelliJ IDEA, Figma, R Studio, mySQL

PROJECTS

Redis Database Clone *Python*
Developer   July 2025 - August 2025
- Developed a Redis-compatible in-memory database in Python with 30+ commands, including strings, lists, sorted sets, streams, pub/sub, and blocking operations.
- Implemented RESP protocol, replication (REPLCONF, PSYNC), WAIT-based consistency, and optimizations for command parsing and memory usage.

AI Resume Analyzer *Python*   July 2025
Developer
- Developed an AI-powered Resume Analyzer web app using Streamlit and Python to provide instant, structured feedback on resumes.
- Implemented file upload functionality supporting PDF/TXT, with text extraction using PyPDF2 and in-memory processing.
- Integrated OpenAI GPT models to analyze resume content and deliver actionable suggestions on clarity, skills, and experience alignment.

Weather Application *JavaScript, HTML, CSS*
Developer   June 2025
- Built a responsive weather website using JavaScript**,** HTML**,** and CSS, integrating the OpenWeatherMap API to display real-time temperature, humidity, and wind data.
- Designed an intuitive user interface with dynamic visuals and seamless search functionality, enhancing user experience across desktop and mobile devices.

EXPERIENCE

AI Camp online *Python*   July 2023 - August 2023
Project Manager
- Collaborated with a team to develop an intelligent web application that predicts customer purchase behavior using historical transaction data to help them make better inventory decisions.
- Led project management efforts, ensuring timely completion of tasks and milestones by coordinating team activities and monitoring progress.
- Interacted with both python and HTML to help implement visual representations and functionality as part of the overall project.

INTERSTS

- Snowboarding, Cooking, Basketball, Game Development, Software Development