

Nayef Jaber

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Education

California State University, East Bay

Expected May 2028

Bachelor of Science in Computer Science with a Minor in Data Science (GPA: 4.00 / 4.00)

Hayward, CA

- **Relevant Coursework:** Data Structures and Algorithms (C++), Computer Science II (C++), Computer Science I (Python), Computer Organization and Assembly Language, Computing and Responsibility, Numerical Algebra and Linear Algebra, Statistical Inference, Discrete Structures, Calculus II, Calculus I

Experience

Ace's Garage Door

May 2025 – Aug 2025

Web Development Intern

Bay Area, CA

- Collaborated on the design and deployment of a responsive company website using **HTML, CSS, JavaScript, and jQuery**, enhancing online visibility and customer engagement.
- Developed a **custom appointment scheduling system**, enabling clients to book services directly and reducing manual coordination.
- Assisted in optimizing site performance by compressing images, minifying code, and implementing caching, **decreasing load times by ~30%**.

Projects

MALABIS: Digital Wardrobe Organizer 🗄️

MongoDB, Express.js, React.js, Node.js, Cloudinary, Sharp

- Built a full-stack **MERN** web application for uploading, categorizing, and managing clothing items in a personal smart wardrobe.
- Integrated Cloudinary and Sharp for automatic background removal, image optimization, and **cloud storage**.
- Designed a mobile responsive UI with modern animations and optimized uploading for a smooth user experience.
- Enabled secure user authentication with **Passport.js** and managed persistent sessions via MongoDB-backed storage.

AI-Powered Daily Calendar Summarizer 🗓️

Python, Google Calendar API, OpenAI, Twilio

- Developed a **Python** script that fetches daily Google Calendar events, summarizes them using OpenAI models, and sends a briefing via Twilio SMS.
- Integrated **Google Calendar API** for event retrieval, OpenAI API for summarization, and Twilio for automated SMS delivery.

Encrypted Password Manager 🔒

C++, Qt6, CMake, QCryptographicHash, QTableWidgetItem

- Developed a desktop password manager with a secure **Qt6 GUI** for encrypted credential storage and retrieval.
- Implemented login authentication using **SHA-256 hashing** and a master password to restrict access to stored credentials.
- Designed an interface to add, delete, and view login details using QTableWidgetItem and dialog prompts.
- Built custom XOR-based encryption/decryption logic for obscuring passwords in memory and on display.
- Packaged application with CMake and ensured compatibility with Windows systems using MinGW and C++17.

Personal Budget Tracker 📊

Java, Object-Oriented Programming, File I/O, CLI

- Built a command-line budget tracking tool in **Java** for managing income and expenses using object-oriented design principles.
- Designed and implemented core classes for budgets and transactions, supporting both income and categorized expense types.
- Enabled persistent data storage through **file I/O** operations, allowing users to retain budgeting data across sessions.
- Developed interactive CLI menus to add transactions, view summaries, and analyze category-based spending trends.

Technical Skills

Languages: Python, C++, C, Java, JavaScript, TypeScript, HTML/CSS, SQL, Assembly

Frameworks/Libraries: React.js, jQuery, Node.js, Express.js, Pandas, NumPy, Seaborn, Matplotlib, Qt6

Tools: Git/GitHub, VS Code, Jupyter Notebook, PyCharm, Vercel

Databases: MongoDB, SQLite, MySQL