

JIVAJ BRAR

jivajbrar.com | github.com/jivajb | jivajbrar4@gmail.com | 510-993-9222 | Santa Cruz, CA

Education

University of California, Santa Cruz

Santa Cruz, CA

B.S. Computer Science & B.A. Business Management

Expected Graduation: June 2026

- *Coursework:* Python, Computer Systems & Assembly Language, Data Structures and Algorithms, Machine Learning, Artificial Intelligence, Computational Models, Discrete Mathematics, NLTK, Accounting, Macroeconomics, Microeconomics, Business Strategy, Stock Market

Experience

Galileo Learning

Alameda, CA

Team Leader

June 2023 - July 2023

- Supervised and coordinated activities for 20+ students daily, fostering collaboration and engagement.

Blue Arris

San Leandro, CA

Web Design and Marketing Intern

June 2021 - September 2021

- Developed interactive, user-friendly websites using Webflow and responsive design techniques.
- Optimized UI/UX design to increase sales and web traffic for client websites.
- Leveraged data-driven insights to implement targeted marketing strategies, boosting client acquisition.

Sikh Institute of Excellence

Berkeley, CA

Social Media Manager/Student Coordinator

June 2020 - August 2020

- Collaboratively facilitated educational sessions aimed at enhancing students' achievements and life skills. Managed academic responsibilities for fellow students within the institute.
- Spearheaded strategic initiatives in Social Media engagement, resulting in a threefold increase in enrollment for the Sikh Institute of Excellence.
- Established and managed "Khalsa Kids Connect," achieving peak enrollment of 50 students.

Open Access Technology International

Mohali, PB

Software Development Intern

June 2019 - July 2019

- Collaborated on coding tailored energy trading software for clients using SQL and Java.
- Improved proficiency in client management and specialized software for power trading.
- Gained foundational experience in developing and optimizing software solutions.

Projects

PaperMaker *Algorithmic Trading Bot*

September 2021 - Present

Founder

- Built a sentiment analysis-based trading bot utilizing the VADER framework, scraping Twitter and Reddit APIs to determine market sentiment and automate buy/sell orders.
- Achieved an annual profit of 28%, outperforming the market by 11% per quarter.
- Coded in Python and utilized Twitter and Reddit APIs. Traded through QuantConnect.

SKILLS

Technical: Python, C/C++, HTML/CSS, Java, JavaScript, React, Redux.js, Firebase, Git, Next.js, Node.js, SQL, TypeScript, MDX, Assembly Language, CI/CD Pipeline

Languages: English (native), Punjabi (native), Hindi (proficient)