Neil Lucena

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EDUCATION

California State University, Stanislaus   **Turlock, CA**

Bachelor of Science in Computer Science   *December 2020*

EMPLOYMENT

Bay Valley Tech   **Modesto, CA**

Full Stack Software Engineer Intern & Info. Session Volunteer (Hybrid)   *March 2023 - Ongoing*
- Worked with the team to accomplish dynamic and responsive user interface to improve user engagement and interaction, and establish backend functionality for connectability such as databases and APIs.
- Engineered a navigable front-end using JavaScript, HTML, and SCSS, enhancing overall user experience.
- Integrated Finnhub API for real-time stock data to users up-to-date investment insights, greatly reducing data latency, and stock searchability.
- Hosted weekly Google Meet sessions, guiding over 100+ applicants during informational sessions, which greatly improved applicant understanding and engagement about the company.

OtterSoft & Bay Valley Tech   **Modesto, CA**

Software Engineer Intern (Hybrid)   *March 2022 - August 2022*
- Accomplished efficient data management for medical response applications as measured by a 40% reduction in data retrieval time, resulting in quicker response times for the user.
- Worked with the team to accomplish user-friendly application using JavaScript, C#/.NET, CSS/HTML, SQLite, and React, enhancing usability and functionality.
- Collaborated closely with the product team to align wireframes with project goals, resulting in a seamless integration of design and functionality.

SOFTWARE PROJECTS

HobinRood: Stock Brokerage Application   *Tech*: *HTML, SCSS, JavaScript, MySQL, Figma, PlanetScale, Finnhub*

"RobinHood" Inspired Full-Stack Stock App
- Developed a dynamic full-stack stock application using Node.js, JavaScript, HTML, and SCSS, designed intuitive wireframes and interfaces with Figma.
- Implemented the PlanetScale database to enable seamless user interactions, including stock purchases and real-time stock data viewing through integration with the Finnhub API.
- Integrated Finnhub API for 50% faster real-time stock updates.
- Implemented account management, stock transactions, and interactive data visualization.
- Deployed on Vercel, demonstrating GitHub Desktop for version control.

TECHNICAL SKILLS

Software Development: Full Software Development Life Cycle, Debugging, Maintenance, Testing, Agile Methodologies, Front-End & Back-End Development.

Languages: HTML, CSS, JavaScript, TypeScript, Python, Java, SQL (MySQL), NoSQL.

Frameworks and Developer Tools: Angular, React, Git, GitHub, Git Desktop, Google Cloud Platform, MongoDB, Redis, Linux/Unix, Eclipse IDE, Visual Studio, Visual Studio Code, Node.js.