ALEC NAMEY

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Education

University of California, Santa Cruz   **Sept 2024 – Jun 2026**
Bachelor of Science, Computer Science   *Santa Cruz, CA*

San Diego Miramar College   **Aug 2021 – Dec 2023**
Associate of Science, Computer Science   *San Diego, CA*

Relevant Coursework

- Data Structures
- Ethics and Algorithms
- Algorithm Analysis
- Machine Learning
- Computer Architecture
- Computer Systems

Experience

Trevet   **Jan 2024 – Sept 2024**
Information Technology Intern   *San Diego, CA*

- Maintained software and hardware for all 50 employees both remote and in-office.
- Monitored server health virtually and in person via Microsoft Remote Desktop Connection.
- Assisted end-users with technical issues by troubleshooting and resolving service tickets in alignment with ITIL v4 best practices.
- Transitioned on-premise printers from a server-based system to a cloud-based printing solution using Microsoft Azure, improving scalability and reducing infrastructure overhead.

The North Face   **Oct 2023 – Dec 2023**
Retail Associate   *San Diego, CA*

- Engage with guests to satisfy their needs and provide product knowledge.
- Restocked clothing as well as processed new incoming clothing from receiving.
- Used several POS systems to assist a multitude of guests each day for checkouts and returns.

Target   **Nov 2021 – Jun 2023**
Specialty Sales Associate - Electronics   *San Diego, CA*

- Engaged with hundreds of customers per day to answer product questions and provide knowledge of sales and store promotions.
- Organized and setup store merchandise racks and displays to promote and maintain visually appealing environments.
- Collaborated with loss prevention in monitoring shopper behavior to better prevent fraud and theft and maintain store profit margins.
- Used RFID scanning to keep track of inventory in the electronics department for our specialized team of 5 employees.

Technical Skills

Languages: Python, Java, C/C++, JavaScript, SQL, HTML/CSS
Frameworks/Libraries: Spring Boot, React, Flask, Node.js, JUnit, PyTorch, Scikit-Learn, REST API
Developer Tools: Git, GitHub, VS Code, Eclipse, Jupyter Notebooks

Personal Projects

BrickStat | *Python, Flask, React, CSS, REST API, MySQL*   **Dec 2025 – Present**

- Co-founded a full-stack web application that estimates build times for any LEGO® set using a custom algorithm.
- Implemented a secure user account service that uses One-time passcode (OTP) authentication.
- Built a MySQL-backed review system to persist per-set user feedback and improve build-time estimation accuracy

The Bank of Alec | *Java, Spring Boot, React, CSS, REST API, MySQL*   **Jul 2025 – Present**

- Built a mock full stack banking app to simulate a modern banking experience with components like: Account creation and balance tracking.
- Implemented Java and Spring Boot for backend development to interact with a MySQL database.
- Created a frontend in React and CSS that interacts with backend features via REST API features.
- Integrated security measures with Spring Boot to hash passwords and to validate password validity with regex.