

# Anselme Sorin

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## EDUCATION

### San Jose State University

*Bachelor of Science in Computer Engineering*

San Jose, CA

*May 2027*

## EXPERIENCE

### Software and Computer Engineering Society - Development Member

Sep. 2024 – Present

*San Jose State University*

*San Jose, CA*

- Developed a full-stack web application with teammates using Next.JS/React, PostgreSQL, and Docker to search for courses on Spartan Compass
- Implemented 7 front-end designs using ShadCN that became more efficient from 84ms to 49ms
- Implemented 4 components in the back-end with TypeScript and PostgreSQL to store 8 more information about courses that were scraped
- Suggested features and gave feedback on 10+ programs/algorithms, collaborating with teammates

### Student Demand Action SJSU Chapter - Vice President

Jan. 2024 – May 2024

*San Jose State University*

*San Jose, CA*

- Organized with other organizations a campus-wide speaker event attended by 100+ participants about book banning, LGBTQ+ violence, and gun violence
- Led outreach events in collaboration with 3 other organizations to expand gun safety, book banning, and group violence awareness on campus with 10 stands

### Tennis Coach

Sep. 2022 – June 2023

*Washington Park — Highlands Recreation Park*

*Burlingame, CA — Highlands, CA*

- Managed groups of 10-15 kids from 8 to 13 years old for practices in tennis forms
- Taught them how to properly play tennis through multiple engaging practices with 8+ techniques to make them grow as players
- Continuing to teach every summer for 2-3 weeks

## PROJECTS

### Dev Space | *TypeScript, Node.JS, VSCode API*

May 2022 – Present

- Developed a Visual Studio Code extension to improve user experience with customizable developer tools and productivity enhancements
- Implemented VS Code API to customize 3 sections of the VS Code UI
- 550+ and growing installations on VS Code Marketplace

### Alias | *JavaScript, Discord.JS, Firebase*

July 2020 - June 2025

- Developed a self-learning project using JavaScript and the Discord.JS API to make a possible moderating bot
- Learned how to use APIs like Discord.JS and DBs like Firebase and MongoDB
- Leveraged Gemini API to learn AI installations and how to use those APIs

### Arduino Pointer | *C++, Arduino*

Sep. 2023

- Developed a pointer that points up using an Arduino and a Servo Motor within 180 degrees
- Obtain data from the MPU of the Arduino and convert to degrees to receive an angle and make one of the branches of the motor point up
- Obtain new data in degrees for the X and Y axis every 100ms

## SKILLS

**World Languages:** French (Native), English (Fluent)

**Languages:** JavaScript/TypeScript, Java, Python, C/C++, SQL (Postgres), HTML/CSS, Shell, Assembly

**Frameworks:** React, Node.JS, Next.JS, TailwindCSS

**Developer Tools:** Git, Docker, MongoDB, Firebase, Vercel, Discord.JS, VS Code, Visual Studio, CLion, PyCharm, IntelliJ, Eclipse

**Libraries:** pandas, NumPy, jQuery, PyTorch