

Daniel Slade

danielgrantslade@gmail.com ♦ (408) 218-1365 ♦ [linkedin.com/in/danielslade01](https://www.linkedin.com/in/danielslade01) ♦ danielsla.de

EDUCATION

San Jose State University

B.S. Software Engineering

GPA: 3.86, President's Scholar Spring 2021 and Spring 2022

May, 2023

San Jose, CA

EXPERIENCE

Software and Computer Engineering Society - SJSU

Development Team Officer

March 2022 - Present

San Jose, CA

- Designed a chat bot to challenge users to daily LeetCode problems, encouraging users to complete problems by giving points which determines their place on a leaderboard
- Contributed to the work of the club's Public Relations and Event Planning team
- Currently working on a chess playing AI with a team of six students

Silver Creek Academy

Tutor

September 2021 - Present

San Jose, CA

- Provided tutoring for various middle and high school math classes
- Taught a class of students material and strategies for preparing for the math part of the SAT
- Recognized for high quality usage of time and consistent ability to effectively tutor

Freelance

High School/College Tutor

2018 - 2022

San Jose, CA

- Tutored material for math, physics, and computer science to high school and college students
- Received consistent positive feedback and noticeable improvement of grades, performance, and confidence from pupils

PROJECTS

TownyBot

Lead Developer

2022

Individual

- Designed a Discord bot economy-based multiplayer role-playing game
- Utilized asynchronous programming, efficient data structures and algorithms, and simple database management to support and keep track of player data and player interactions
- Fully open-source, all code available on <https://github.com/Silber01/TownyBot>

Task Arcade

Lead Developer

Spring 2021

SJSU

- Led a team of three to design an application that encourages the user to perform real-life homework, chores, or other responsibilities, and rewards positive behavior with tokens to play video games
- Provided experience in UI design, game design, and organizing a team to work on software
- Received positive feedback from peers for project and earned an "A" grade

ColorLearn

Lead Developer

2022

Individual

- Created a machine learning AI that categorizes RGB values into named colors
- Implemented a visual representation of the AI's inner workings to demonstrate machine learning
- Hosted and interactable on my website, danielsla.de/colorLearn

SKILLS

- **Tools:** Git/Github, Unity, PyCharm, IntelliJ, CLion, VSCode, Visual Studio, Figma
- **Languages/Frameworks:** Python, Java, C, C++, HTML/CSS, JavaScript, React.js, Node.js, SQL, Bash
- **Technical:** Data Structures and Algorithms, Linux Server Architecture, Internet Networks, AI/ML
- **Soft:** Leadership, Problem Solving, Adapting to New Environments