

Daniel Slade

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EDUCATION

San Jose State University <i>B.S. Software Engineering</i> GPA: 3.86, President's Scholar Spring 2021 and Spring 2022	May, 2023 San Jose, CA
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EXPERIENCE

Development Team Officer <i>Software and Computer Engineering Society - SJSU</i> <ul style="list-style-type: none">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 leaderboardContributed to the work of the club's Public Relations and Event Planning teamCurrently working on a chess playing AI with a team of six students	March 2022 - Present San Jose, CA
Tutor and Educator <i>Silver Creek Academy</i> <ul style="list-style-type: none">Provided tutoring for various middle and high school math classesTaught a class of students material and strategies for preparing for the math part of the SATRecognized for high quality usage of time and consistent ability to effectively tutor	September 2021 - Present San Jose, CA
High School and College Tutor <i>Freelance</i> <ul style="list-style-type: none">Tutored material for math, physics, and computer science to high school and college studentsReceived consistent positive feedback and noticeable improvement of grades, performance, and confidence from pupils	2018 - 2022 San Jose, CA

PROJECTS

TownyBot <i>Lead Developer</i> <ul style="list-style-type: none">Designed a Discord bot economy-based multiplayer role-playing gameUtilized asynchronous programming, efficient data structures and algorithms, and simple database management to support and keep track of player data and player interactionsFully open-source, all code available on https://github.com/Silber01/TownyBot	2022 Individual
Task Arcade <i>Lead Developer</i> <ul style="list-style-type: none">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 gamesProvided experience in UI design, game design, and organizing a team to work on softwareReceived positive feedback from peers for project and earned an "A" grade	Spring 2021 SJSU
ColorLearn <i>Lead Developer</i> <ul style="list-style-type: none">Created a machine learning AI that categorizes RGB values into named colorsImplemented a visual representation of the AI's inner workings to demonstrate machine learningHosted and interactable on my website at danielsla.de/#/colorLearn	2022 Individual

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