

Cade Duncan

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EDUCATION

Clovis Community College

Fresno, CA

Associates of Science in Computer Science

July 2020 – May 2023

- Dean's List; 3.8/4.0 GPA
- Relevant coursework: Data Structures, Algorithms, Object-Oriented Programming, Machine Programming

NASA L'Space Mission Concept Academy

Remote

Certificate of Completion

May 2022 – Sep. 2022

- Collaborated within a multidisciplinary team to design and develop a Martian cave exploration mission.
- Contributed extensively to the research, analysis, and writing of a comprehensive 150+ page Preliminary Design Review (PDR), showcasing expertise in mission planning, scientific investigation, and engineering principles.

TECHNICAL SKILLS

Languages: Python, C++, C#, JavaScript, HTML/CSS,

Developer Tools: GitHub, Google Cloud Platform, Google Domains, UNIX, Vim, Visual Studio, Unreal Engine

Libraries: jQuery, SFML, DiscordPy, SMAPI

PROJECTS

Portfolio Website | *HTML/CSS, JavaScript, jQuery, GitHub Pages, Google Domains*

Oct. 2022 – Present

- Developed and deployed a professional-grade website showcasing a diverse range of projects, employing HTML/CSS, JavaScript, and jQuery to create dynamic and interactive features.
- Leveraged GitHub Pages and Google Domains to publish the website under a custom domain name, ensuring seamless accessibility and professional branding.
- Continuously update and refine the website to showcase the latest projects and demonstrate technical proficiency in web development.

Stardew Valley Mods | *C#, SMAPI*

Nov. 2021 – Present

- Created highly sought-after mods for Stardew Valley, amassing a user base of over 20K downloads on the Nexus Mods platform.
- Implemented innovative features and functionalities, leveraging C# and SMAPI framework to enhance gameplay and provide a unique gaming experience.
- Proactively addressed user feedback, rapidly releasing bug fixes and updates to ensure a seamless and enjoyable modding experience.

Stingbot | *Python, DiscordPy, Google Cloud Web Hosting*

June 2022 – Oct. 2022

- Developed an advanced Discord bot, utilizing Python, DiscordPy, and Google Cloud Platform, to incentivize user activity and provide comprehensive user statistics.
- Ensured maximum uptime and data accuracy by hosting the bot on Google Cloud Platform, employing scalable and reliable infrastructure.
- Iteratively improved the bot's functionality, efficiency, and user experience through continuous updates and bug fixes.

EXPERIENCE

Tutor (Team Lead)

Jan. 2022 – May 2023

Clovis Community College

Fresno, CA

- Mentored and guided students to develop critical thinking and problem-solving skills in diverse subjects including Computer Science, Information Systems, Math, Physics, Biology, Chemistry, and more.
- Conducted comprehensive assessments of students' programming skills, providing detailed feedback and targeted guidance for improvement.
- Managed hundreds of student visits per day, demonstrating exceptional organizational and multitasking abilities.
- Collaborated with professors to design and deliver engaging learning materials, boosting students' confidence and proficiency in Computer Science topics.
- Streamlined team responsibilities, goals, and communication channels, resulting in improved efficiency and effectiveness of the Tutorial Center.