

Derek Chui

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Santa Clara, CA

Projects

Network Optimization <ul style="list-style-type: none">Generates random points, makes pairs with max total distance using MATLAB.	Mar 2025 - Present
Personal Website <ul style="list-style-type: none">Done with Netlify and Astro frameworks.	Mar 2025 - Present
Benchmark <ul style="list-style-type: none">Learning the basics of different languages.	Jun 2024 - Mar 2025
Fantasy Premier League <ul style="list-style-type: none">Game in C++ to simulate team drafting and weekly matchups.	Jan 2025 - Mar 2025
Phonebook <ul style="list-style-type: none">Multi threaded phonebook application in C for storing and retrieving contacts.	Sep 2023 - Nov 2023
Word Gravity <ul style="list-style-type: none">Interactive typing game in JavaScript where players type letters before they reach the bottom.	Jan 2022 - May 2022

Experience

Sales Development Representative <i>ProofJump</i> <ul style="list-style-type: none">Connected with professionals in the SaaS, B2B, and SDR industries through LinkedIn Sales Navigator. Planned and automated outreach emails to specific audiences. Set up routines for both outbound & inbound communication.	Jul 2024 - Present <i>Part-time Hybrid</i>
Engineering Technician <i>Honeywell</i> <ul style="list-style-type: none">Made training videos on Honeywell XLS fire alarm devices, helped plan courses, worked on site at various locations, like apartment buildings, shadowed and supported instructors during training sessions, training in Honeywell Building Automation Systems.	Jul 2024 - Nov 2024 <i>Part-time On-site</i>
Video Editor <i>Freelance</i> <ul style="list-style-type: none">Edited and produced video content for clients, used Final Cut Pro for tasks like cutting, color grading, audio editing, and adding visual effects. Organized file management for raw footage, project files, and final exports. Motion graphics and animations.	February 2021 - July 2023 <i>Remote</i>
Content Creator <i>Self-Employed</i> <ul style="list-style-type: none">YouTube content on gaming, lifestyle, tech, original video essays, montage segments, and more. Hosted and produced a podcast with discussions and interviews. Blog with original written content and in depth articles, later compiled into a short book.	December 2015 - February 2021 <i>Remote</i>

Education

Santa Clara University <i>Bachelor of Science in Computer Science and Engineering</i>	Santa Clara, CA <i>June 2027</i>
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Skills

General: Lead Generation, Building Automation Systems (BAS)
Programming: C, C++, C#, Java, Python, Data Structures & Algorithms, Verilog, Assembly, MATLAB
Web Dev: HTML, CSS, Javascript, React, MongoDB, MySQL, PHP, Netlify, Astro
Software: Final Cut Pro, Microsoft Visual Studio Code, LinkedIn Sales Navigator, Git, GitHub