Dyllan Goldstein

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dyllangoldstein1.github.io/dyllangoldstein.github.io/index.html

Education

UCLA **Westwood, CA**
Bachelor's of Science, Electrical Engineering. GPA: 3.46 December 2027
Relevant Coursework: Circuit Theory, Logic Design of Digital Systems, Signals and Systems

Santa Monica College **Santa Monica, CA**
Bachelor's of Science, Business Administration. GPA: 4.0 December 2027
Relevant Coursework: Circuit Theory, Logic Design of Digital Systems, Signals and Systems

Experience

Layton Construction Thousand Oaks, CA
Construction Management Intern June 2025 – September 2025

- Supported the advancement of a $150M hospital project, including: an ED expansion, a patient tower seismic renovation, and two new operating rooms. Succeeded in coordinating with cross-functional teams, including project managers and engineers, to ensure milestones were met on schedule.
- Managed communications with subcontractors by drafting RFIs, processing submittals, and writing inspection requests pertaining to MEP systems and architecture to ensure project documentation compliance.
- Applied systems-thinking to identify and resolve design conflicts between engineering specifications and subcontractor submittals, preventing costly delays.

UCLA Resident Housing Westwood, CA
Outreach Representative October 2025 – June 2025

- Designed marketing flyers using Canva for bi-weekly community events, contributing to a 30% increase in average student attendance over the academic year.
- Developed and promoted sustainability awareness events, including educational escape rooms, to encourage recycling and clean energy practices on campus.

Leadership & Activities

IEEE Westwood, CA
Wireless, RF, and Analog Project Member October 2025 - Present

- Designing and building a wireless communication link between microcontrollers operating at 27 MHz to transmit and receive digital signals without physical connections.
- Applying concepts of RF system design, including amplifiers, mixers, oscillators, and filters, to create and test circuits for reliable wireless data transfer.

IEEE Westwood, CA
Open Project Space Member October 2024 - June 2025

- Mastering electronics fundamentals by constructing, debugging, and testing a series of circuits, utilizing multimeters for troubleshooting and 555 timer ICs for signal generation.
- Programming an Arduino microcontroller in C++ to interface with hardware, applying concepts of digital I/O and Pulse Width Modulation (PWM) to generate musical tones.

Skills & Interests

Technical: C/C++ (intermediate), LTSpice (intermediate), MATLab & Simulink (beginner), AutoCAD & KiCAD (beginner)
Language: Russian (fluent)
Laboratory: Oscilloscopes (intermediate), Soldering (intermediate)
Interests: DIY Projects, Golf, and Swim