

Anderson Lam

+1 510-529-6775 • lamweicheng@berkeley.edu • www.linkedin.com/in/weichenglam/ • www.andersonlam.info/

Education

University of California, Berkeley, CA

August 2022 - Present

Bachelor of Science Degree in Electrical Engineering & Computer Sciences, Certificate in Entrepreneurship & Technology

Courses: Microfabrication Technology, Designing Information Devices and Systems, Data Structures, Signals & Systems, International Business

Honors: Berkeley Method of Entrepreneurship Pitching Champion 2023, ORCA Innovation Grant Award 2023, 3rd Place SCET Collider Cup XII

Foothill-De Anza Community College, Los Altos Hills, CA

April 2020 - June 2022

Associate of Science Degree in Engineering, Physics, Mathematics, Physics for Transfer

GPA: **3.81**

Honors: High Honors, VIDA & DASG Student Leadership Award 2022, Foothill Academic Senate Award 2022, Foothill Academic Achievement Award 2022, Emerging Leader Award 2021, STEM Division Achievement Award 2021, Language Arts Division Achievement Award 2020

Skills, Engineering, CS Projects

- **Skills:** Microfabrication, Mechanical Assembly, C++, Python, SQL, WiX Editor, 3D Printing & Design, Embedded Systems Design, Electrical Wiring, Mechanical Testing, Figma, MS Office, Google Suite, Email Marketing, Graphic Design, Video Editing
- **EE Projects:** Flexible Thermistors, Autonomous Micromouse, Agricultural and FPV Drones, Resistive & Capacitive Touchscreen, Self-Balancing Robot Car, Single & Multi-Pixel Scanning Camera, Voice Interactive Control & 3D Mapping Navigation Robot
- **CS Projects:** Competitive Typing Program, Tower Defense Game, Fantasy Role-Playing Game, 2D World Game, Hog Dice Game, Scheme Language Interpreter, Details Sorting Program, Nutritional Calculator, Password Generator, Interactive Currency Converter

Work Experiences

UC Berkeley College of Engineering, Berkeley, CA

January 2023 - Present

EECS Department Student Researcher and Lab Assistant – Physical Electronics & Agriculture Technologies

- Collaborating with UC Berkeley & UC Davis researchers on fabricating paper-thin flexible LIG thermistors for testing soil temperature.
- Experimenting and collecting data on Flexible Printed Sensors with multiple agricultural peat soil samples at UC Berkeley SwarmLab.
- Facilitating the deployment and testing of printed agriculture sensors on corn farms at locations with varies temperature and humidity.

Aerodyne Group, Cyberjaya, Malaysia

May 2023 – Present

Product Management and Development Intern

- Assisted GSD product team in strategic decisions with competitor analysis, market positioning, and feature/pricing of UTM compilation.
- Conducted extensive research on over 80 drone models available in the market, diligently compiling comprehensive information on each model and their respective specifications to suggest users on the latest drones for a specific objective or use case.
- Conducted thorough analysis of Aerodyne's products, including competitor evaluation, feature assessment, pricing analysis, development costing, and legacy product analysis, for comprehensive commercial insights.

Advansia Sdn Bhd, Selangor, Malaysia

February 2023 – Present

Product Operation and Manufacturing Intern

- Proposed and initiated a collaboration with Agritix, to develop a groundbreaking software application for enhanced agricultural support.
- Developed an advertisement-free and mobile-friendly website to publish E-catalogues of Advansia Malaysia using HTML, CSS and JS.
- Conducted farm visits to gather data on precision agriculture techniques, focusing on sensor utilization and current manufacturing trends.

Advansia Drone Co Ltd, Selangor, Malaysia

January 2021 – August 2021

Engineering Student Intern

- Assembled pesticide spraying drones parts by parts, repaired any technical damage and resolved the overheating battery problems.
- Developed and improved Advansia Sdn Bhd, Advansia Seeds and Biotech Sdn Bhd, Advansia Co.Ltd's company website.
- Transformed company products' description page and multilingual user manuals consisting of English, Chinese, and Malay.

Dalmax Hardware Sdn Bhd, Selangor, Malaysia

December 2019 – March 2020

Inventory Control and Warehouse Operation Intern

- Inspected deliveries for damage or discrepancies and facilitated stocking, packing, and general warehouse operations.
- Maintained receipts, records, and withdrawals of every shipment. Created inventory adjustment records and restocked supplies.
- Collaborated with other departments to integrate logistics with business systems or processes, such as customer sales, order management, accounting and shipping. Operated and coordinated the online web store's dashboard and SEO system.

Activities/Leadership

Founder of International Students Connection (ISC), San Francisco Bay Area, CA

April 2021 – Present

- Expanded the organization to Foothill College, De Anza College, Berkeley City College, Laney College, UC Berkeley, College of Alameda with the vision of providing a safe home away from home environment for international students studying in the States.
- Leading a team of 80 ISC Board Officers to host quarterly collaborative events for 600 members among the five ISCs around the Bay Area.
- Collaborating with every college's International Students Program (ISP) office advisors and coordinators to host and mutually promote events and programs. Planning and organizing events with other on-campus diversity and multicultural student clubs.

Languages

- **Languages:** Fluent in English, Mother Tongue in Malay, and Chinese Mandarin