

Gavin Lin
Carnegie Mellon University
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Education

Carnegie Mellon University Class of 2028

- Pursuing B.S. in Information System and Business Administration(product management concentration)

The Wharton School – Leadership in Business world

- Completed a 4 week training
- Attend lectures and presentations from outstanding Wharton faculty and guest speakers
- Participate in classroom discussions about core business subjects, including research-based theories of leadership and teamwork
- Practically apply real-world business practices through Wharton Interactive's digital simulations and case competitions
- Conduct research on business enterprises and speak with successful leaders across the industries of finance, entrepreneurship, entertainment, real estate, retail, and more

Experience

Brooks Automation – Business analyst/Application Engineer intern(May 2023-August 2023)

- Developed Nitrogen Purge application notes for Marathon semiconductor machine, used by Intel
- Performed SWOT analysis and market analysis on Mass Flow Control (MFC)
- Gave presentations with Brooks' Semiconductor group president Hou Hong as an intern on the topic of development and application for Nitrogen Purge system on Marathon Machine.

Luminus Devices Inc. – Data Analyst/Marketing Intern(Jun 2024-August 2024)

- Worked on project of competitive analysis of schottky diode products from the company
- Developed comparison price list which assessed and implemented by the company for this Quarter
- Update and edited company's price data list to retail customers such as Mouser

Sanan Optoelectronics Co., Ltd. - Product Manager Assistant intern(Dec 2024-Jan 2025)

- Engaged in a two months immersive internship program which is based in headquarter of Sanan, Xiamen.
- Learned product managing flow process under PM department and general information of semiconductor production
- Provided general assistance such as content making/organizing for meetings with clients and accompanied managers attend meetings with Samsung, Apple and other clients as a product manager assistant intern.

Carnegie Mellon Racing–Race Operation/Marketing Outreach Team associate (August 2024-present)

- Team associate for both race Operation and Marketing team
- Developed push bar system for the race car and engineered using 3D printing(implemented in pitt shoot out this year)
- Working under driver heat map input project which implement coding to process data from the car to help engineers and the driver to perform better
- Working on the marketing team and recently closing a newly acquired sponsorship for the team

CIA Buggy – Marketing Team Associate and Pusher(august 2024-present)

- Working as a team associate for CIA buggy Team at CMU(top winner from last year)
- Built and organize a crowdfunding system which is later honored by the team as it contributed to the most successful crowdfunding history in team
- Pusher for the team

Summertunities - Founder/Vice president/advocacy Director(Jun 2023-present)

- Founded Summertunities – registered non-profit company in California, developed a website and application platform that provide accessible information, application guide and scholarship(another point) for high school students' summer program

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- Worked with lecturers and Berkeley Business Academy for Youth program director and other programs at universities to reach students
- Helped 218 students in the first year that the business is launched, partnered with provision, which is another agency helping high school students for extracurriculars

HelpatEase - Chief Marketing Officer

- Business project under Berkeley Business Academy for Youth, service platform for elder care
- Won the business case competition at the year and further extended to student partner with BBAY program at Berkeley. Returned as student speaker.

Classes

- **Principle of Microeconomics–Carnegie Mellon University**
 - Basic Marketing knowledge within Economics context
 - Microeconomics knowledge/concept
- **Business Leadership Endeavour–Carnegie Mellon University**
 - Strengthening communication skills
 - Public speaking
 - Problem solving within teamwork context
- **Designing Human Centered Software–Carnegie Mellon University**
 - Prototype design(lo-mid-hi fi prototypes)
 - Public speaking
 - Product design for real world problems
- **Design Fundamentals–Carnegie Mellon University**
 - UI/UX designs for hardware and software
 - Artistic elements within product design
- **Information System Milieux–Carnegie Mellon University**
 - Web development lab
 - Business case analysis
 - Information system structure in corporation
 - Product design
 - Problem solving in team context
 - Public speaking/communication
- **Fundamentals of Programming–Carnegie Mellon University 15112**
 - Proficiency in Python
 - Problem solving in teamwork context
 - Product designing/prototype making (software)
- **Principles of Imperative Computation–Carnegie Mellon University 15122**
 - Programming in C
 - Software prototype making
 - Algorithm development in real world problem

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Skills

Software Engineering

- Proficiency in Java/python
- Intermediate master of C
- Experience using VS code with local/remote AFS machines
- Github team work experience

Prototype design

- Experience with React
- Experience with Figma
- Experience with Processing
- Experience with Microsoft Office system as well as Adobe creative Cloud

Language

Fluent:Chinese and English

Learning/capable : Spanish

Music

ABRSM performance grade 8 Piano (Merit) Music Theory grade 5 (Merit)

Self produced 12 albums, total stream of 7890 on spotify within a year

Accomplishments

- United States Of America Computing Olympiad - Platinum qualifier
- National Economy Challenge state qualifier(California) 3 times
- Berkeley Haas BBAY season 1 showcase winner(2022)
- AIME 2023 qualifier(highest scorer in Palo Alto Senior High School)