

# JIN KIM

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## EDUCATION

### University of California, Los Angeles (UCLA)

Los Angeles, California

BS in Electrical Engineering

Expected June 2029

- **GPA:** 3.8/4.0 | **SAT:** 1560/1600 (Mathematics: 790/800, Reading & Writing: 770/800) | **International Baccalaureate:** 44/45
- **Relevant Coursework:** Multivariable Calculus, Linear Algebra, Differential Equations, Mechanics, Electricity & Circuits, C++
- **Extracurricular Involvement:** College Scholars Program, Relay For Life Finance Committee, Adobe Student Ambassador

## WORK AND PROFESSIONAL EXPERIENCE

### Soft Robotics & Bionics Lab | Seoul National University

Seoul, South Korea

Research Intern

Jul 2026 - Sep 2026

- Fabricated an inflatable magnetic tactile sensor with 3 Hall sensors capturing 9 magnetic-field channels for force estimation
- Designed molds in CAD and 3D-printed fixtures to fabricate the silicone sensor and secure hardware during robotic testing
- Automated robotic data collection and trained a 5-DOF magnet pose estimator using real data and physics-based simulations
- Developed force and tilt prediction models, reducing shear-force error 12.5% by incorporating estimated magnet position and tilt

### Neuromeka

Seoul, South Korea

Robotics Software Engineering Intern

Jun 2026 - Aug 2026

- Supported robotics software integration at 2 client sites in the casino and cosmetics industry through on-site setup and testing
- Refactored control software for café robotic arms to improve task sequencing and coordination between PC and PLC controllers
- Debugged software for Neuromeka's world action model UI, demonstrating at 3 exhibitions and investigating errors during testing
- Built a Flask dashboard with MySQL logging to help operators monitor daily processing counts in an automated robotic system

### Human Computer Interaction Lab | UCLA

Los Angeles, California

Undergraduate Researcher

Apr 2026 - Jul 2026

- Designed an AI-assisted workflow that breaks broad scientific hypotheses into smaller testable claims and linked experiment plans
- Built a Node.js web prototype on Vercel with an interactive tree for exploring related hypotheses and planned experiments
- Implemented a RAG pipeline using PaperQA2 and Semantic Scholar to find relevant papers supporting proposed experiment plans
- Refined the early prototype using feedback from 6 researchers on experiment detail, literature support, and direct user control

### Genesis Alternative Ventures

Los Angeles, California

Contract Analyst

Feb 2026 - May 2026

- Led the analysis of 3 credit products adjacent to venture debt, assessing underwriting risk and fit with Genesis's existing portfolio
- Created side-by-side loan profiles showing how each product's collateral and repayment terms differ from the venture debt model
- Presented a 10+ page consulting report to Genesis general partners, recommending priority credit products for portfolio expansion

### Newsight Tech Angels

Tokyo, Japan

Analyst Intern

Jun 2025 - Sep 2025

- Screened 5+ early-stage neurotech startups across Asia-Pacific, flagging key technical and launch risks for biotech investors
- Compared pricing and revenue models at 10 Asia-Pacific companies to identify promising market-entry approaches for clients
- Consulted university professors to assess scientific risks and validate technical claims behind neurotech investment opportunities

## LEADERSHIP EXPERIENCE AND EXTRACURRICULAR INVOLVEMENT

### Bruin Ventures

Los Angeles, California

Senior Analyst

Dec 2025 - Present

- Audited a fragrance technology startup's financial model to improve forecast reliability by correcting formulas and assumptions
- Selected through a ~2% acceptance process and completed 10 weeks of training in startup evaluation and investment analysis

### International Business for Bruins

Los Angeles, California

Senior Consultant

Oct 2025 - Present

- Analyzed existing marketing and referral channels for a Los Angeles creative residency to identify key gaps in resident acquisition
- Developed tailored marketing recommendations to expand brand visibility and generate inquiries from prospective residents
- Represented the club at campus recruiting events, engaging students and generating 50+ new prospective-member sign-ups

## SKILLS AND INTERESTS

**Skills:** Python, Numpy, Pytorch, C++, ROS, Computer-aided Design, Isaac Lab & Sim, Additive Manufacturing, Korean, Japanese

**Interests:** Ironman Triathlon, Snowboarding, Soccer, Tim Hortons Timbits, Shohei Ohtani, Volleyball, Basketball, Singing, Thrifting