

David Zhu

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Fremont, CA

EDUCATION

University of California, Los Angeles (UCLA)

BS in Computer Science, Minor in Mathematics

Los Angeles, CA

Expected Jun 2027

- *Cumulative GPA:* 4.00/4.00 | *Honors:* Engineering Dean's List
- *Honor Societies:* UPE, computing honor society | top 15% of CS students

SKILLS

Languages: C++, Java, Python, C#, Typescript, Javascript, SQL, HTML, CSS

Frameworks: React, Django, Node.js, Express.js, PostgreSQL, Apache Spark, Hadoop, Databricks

Other Technologies: REST APIs, Git, Github, Docker, Linux, Jira, CI/CD (Github Actions), MS Azure

EXPERIENCE

AT&T

Jun 2025 - Aug 2025

Software Engineer Intern

Bothell, WA

- Implemented **CI/CD pipelines** with **Github Actions** and **Azure Databricks**; supported an international team of 50+ developers and optimized deployment workflow speed by 50%
- Developed **Spark** jobs for data processing on millions of rows, improving runtimes by 15%
- Created dashboards with **Grafana**, **Azure EventHub** and **ADX** to monitor status of deployments and infrastructure health
- Won national Intern Innovation Challenge with a custom **Python ML classifier** that detects phishing emails
- Worked with **Jira** and **Scrum Methodology**, with daily standups and biweekly sprints to meet PI goals

Integem

Jun 2024 - Aug 2024

Assistant Site Director

Fremont, CA

- Oversaw team of five instructors at Integem summer camp, helping over 100 students develop projects in Python, AR, AI, and robotics
- Integrated **NVIDIA's Jetson Nano** with a robot to perform image recognition, allowing it to autonomously search for and pick up an object
- Programmed AI image classification using **Python's tensorflow** and the **mobilenetv3 model**

Association for Computing Machinery

Dec 2023 - Present

Co-President

Los Angeles, CA

- Led 100+ member ACM Studio, UCLA's premier game development club
- Coordinated game jams with 100+ participants, workshop series, and industry speakers from Riot
- Managed annual budget of \$3500, launched UCLA's largest Fiat Ludum game jam with \$5000+ in prizes
- Pioneered **VR development** program, partnering with Eclipse Gaming Lounge and securing \$1000 in funding from Engineering Alumni Association

PROJECTS

UCLA ACM Studio Website | Typescript, React, MUI, REST APIs

January 2024 - June 2025

- Built robust website from scratch to serve as homepage for ACM Studio
- Designed fast, responsive frontend with smooth animations and an embedded game, along with backend integrations to Notion and Google Calendar APIs