

# Aaron Lee

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## EDUCATION

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- Stanford University** Stanford, CA  
*B.S., Computer Science (Artificial Intelligence) | Minor, Biology* 2022 - 2026
- Stanford University** Stanford, CA  
*M.S., Computer Science (Artificial Intelligence)* 2025 - 2027
- **Coursework:** Deep Reinforcement Learning, NLP, Data Structures & Algorithms, Linear Algebra, Probability & Statistics, Operating Systems, Cloud Computing, Computer Graphics, Biochemistry, Molecular Biology, Computational Genetics
  - **Activities:** Mayfield Fellow, Cardinal Ventures, Phi Kappa Psi, Stanford AI Club, Stanford Club Swim, Malaysians@Stanford
  - **Skills:** Python, C, C++, SQL, Linux, Git, PyTorch, TensorFlow, Sklearn, Docker, React, HTML, Javascript, CSS, AWS

## WORK EXPERIENCE

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- Floodgate** Menlo Park, CA  
*Intern* Oct. 2025 - Present
- Automating firmwide workflows to streamline data management, sourcing, and founder and market diligence.
- Stanford Artificial Intelligence Laboratory (SAIL) – Jure Leskovec Lab & James Zou Group** Stanford, CA  
*Undergraduate Research Assistant* Jan. 2025 – Sept. 2025
- Coauthored Optimas: optimized multi-agent systems via modular reward models for a novel RL backpropagation method.
  - Contributed to a real-time digital twin agent to simulate and optimize various operational workflows using live data streams.
- Accenture** Mountain View, CA  
*Machine Learning Engineer Intern* Jun. 2025 – Aug. 2025
- Forward deployed to Telstra for applied ML research, partnering onsite to prototype, automate, and install scalable workflows.
  - Designed and implemented OntoForge: an automated ontology generator for knowledge graphs in retrieval-augmented generating agents under the Accenture-Telstra Joint Venture, which enables the semantic layer for business intelligence for any client.
  - Collaborated with Responsible AI team, Telstra C-suite, & Stanford HAI to develop ethical corporate AI governance practices.
- Bosch Ventures** Sunnyvale, CA  
*Investment Intern (Part-time)* Apr. 2025 – Aug. 2025
- Conducted AI-focused due diligence for €250M fund: market research, deep tech scouting, and reporting insights to executives.
- LiveX AI** Palo Alto, CA  
*Machine Learning Engineer Intern – AI Agents* Jun. 2024 – Oct. 2024
- Developed customized AI agents, datasets, and tool pipelines 0 to 1 on GCP Vertex AI for B2C companies' churn control.
  - Built agent guardrails via red teaming on Hugging Face Transformers, preserving risk control with relevant customer queries.
- WOWL.io** City of Industry, CA  
*Software Engineer Intern – Supply Chain Data Platform* Jun. 2023 – Aug. 2023
- Implemented a prediction model using SQL-based data aggregation and object-relational mapping to provide accurate transit time forecasts for shipping containers at every supply chain milestone, improving end-to-end transparency for customers.

## PROJECTS, PUBLICATIONS, & VENTURES

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- BrainRL: RL-Driven Computer Vision for mpMRI Analysis of Gliomas (BraTS)** May 2025 – Jun. 2025
- Developed a SAM-UNet architecture with RL-trained preprocessing agent, surpassing segmentation gold standards by >10%.
- Oxford Tutorial: Clinical Machine Learning** Jan. 2025 – Mar. 2025
- Studied multi-task and meta-learning for biomedical time series, dataset condensation, vision language modeling, and protein language modeling under tutelage of Dr. Anshul Thakur.
  - Proposed application of federated learning and averaging algorithms on self-attention for transformer personalization.
- BIO-NEXUS: A Global Network of Biomedical Relationships (Cerebras AI Fellowship)** Oct. 2024 – Dec. 2024
- Built a biomedical agent on a PubMed-derived label property knowledge graph to answer drug discovery and clinical queries.
- STROKEFAST: A Mobile Stroke Detection Application** Oct. 2019 – Jan. 2023
- Lee, A., Che, D., Qi, K., Patton, E., & Zeng, T. (2023). Mobile device application of deep learning for rapid onset stroke detection. AIP Conference Proceedings, 2562, 020006. <https://doi.org/10.1063/5.0138862>.
  - 2022 Regeneron Science Talent Search Scholar; Best Presenter Award at the International Conference on Biomedical Engineering (ICoBE 2021); Presented at the 2021 IEEE-EMBS International Conference on Biomedical and Health Informatics.
  - Developed a multi-modal smartphone tool leveraging data augmentation and transfer learning on residual neural networks to identify three key stroke signs: facial droop via camera, slurred speech via microphone, and asymmetric weakness via gyroscope.