



EDUCATION

Carnegie Mellon University | Expected Graduation: May 2025

- **Major:** Computer Science
- **Concentration:** Machine Learning
- **GPA:** 4.00/4.00
- **Relevant Coursework:** Introduction to Deep Learning, Introduction to Computer Systems, Data Structures and Algorithms, Vector Calculus, Discrete Math, Linear Algebra, Functional Programming, Concepts of Artificial Intelligence
- **Teaching Assistant:** Great Practical Ideas for Computer Scientists

Valley Christian High School | Class of 2022

- **Honors:** AMSE Honors Fellow, Top 5% of Class
- **GPA:** 4.00 unweighted, 4.67 weighted
- **Relevant APs:** AP Calc BC, AP Physics C Mechanics, AP Physics C E&M, AP Chemistry, AP Statistics, AP Computer Science A
- **Activities:** DECA President, Quest Incubator (3 years), Avatar XPRIZE, Chess Club, Math Team, PBC (semifinalist)

WORK EXPERIENCE

Software Engineering Intern - LanceDB (YC W22) | June 2023 - August 2023 | lancedb.com

- Developed optimized product quantization feature flag and Rust-based linear algebra implementations for in-house Lance format
- Created AI use cases with LLMs and agents that utilize serverless open source vector database LanceDB
- Built documentation code CI/CD using Python/JS scripts to ensure documentation reliability and good DX

Lead Web Developer - Piximo Robotics | December 2022 - May 2023 | piximo.io

- Developed a React teleoperator website and NodeJS portal for robot teleoperations startup created by CMU MechE PHD students
- Funded by CMU Spark Grant, currently in pilot phase with CMU and Pittsburgh International Airport-affiliated projects

Software Engineering Intern - Chess.com | June - August 2021

- Worked in Frontend Stats team to create, organize, and display data visualization pages for user chess puzzle stats
- Cold-contacted CEO for the internship, interviewed CEO for management/entrepreneurial advice

PROJECTS

Embedding context-powered LLMs within Next.js, Typescript-based web apps | August 2023 | Demo: lancedb.vercel.app

- Created a Next.js, Typescript-based application to embed a vector database serverless and scrape websites for LLM context
- Wrote Medium post: <https://blog.lancedb.com/improving-llm-based-web-applications-with-easy-to-use-and-free-serverless-vector-database-lancedb-254e1442a9b0>

Analyzing the Reddit Subreddit Network using the PageRank and HITS Algorithms | December 2022

- Authored as part of 21-241 final research project
- Utilized analytical and numerical approaches in Julia to apply the PageRank and HITS algorithms to a trivial and a relatively large Stanford SNAP dataset on Reddit hyperlinks.
- <https://papers.tevinwang.com/241.pdf>

FightFi - Advertiser-sponsored rewards platform for gamers | August 2021 | fightfi.com

- Created a gaming/tournaments platform that allows gamers to complete offers (advertiser tasks) to gain rewards
- Built using a LAMP server on EC2 and HTML/CSS/JS/Bootstrap frameworks

LEADERSHIP

Director of Outreach @ ScottyLabs | March 2023 - Present | scottylabs.org

- Managing recruitment and retention, content/social media, and event outreach for CMU's premier technology club
- ScottyLabs hosts CMU's largest hackathon TartanHacks and builds technology for the CMU campus

Executive Director @ QuestHacks | November 2019 | questhacks.org

- Organized a in-person 12-hour entrepreneurship-themed hackathon at Valley Christian High School in Conservatory Hall.
- Sponsored by Palo Alto Networks, Facebook, and Google

AWARDS

- Gordon Research Center Leadership Fellow Award at UCSD
- Hudson River Trading Challenge Winner - HackCMU
- 1st Place at TaroHacks and NextStep Hacks, 2nd Place at SolarHacks
- 3rd Place at CRV AI Agents Hackathon
- DECA ICDC 3rd Place
- Diamond Challenge Southern CA Semifinalist
- Conrad Innovator
- USACO Silver
- PVSA Gold

SKILLS

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|-------------------|--------------------------|
| • Java | • HTML/CSS/JS |
| • Python | • Node.js |
| • C | • TypeScript |
| • C++ | • React |
| • Rust | • React Native |
| • Julia | • Vue.js |
| • Standard ML | • Cloud Infra (AWS, GCP) |
| • TensorFlow | • MySQL |
| • PyTorch | • MongoDB |
| • Vector Database | • UI/UX Design |