

Thomas Hinek

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EDUCATION

University of Southern California, Viterbi School of Engineering

Graduation: May 2026

Bachelor of Science, Computer Science & Business Administration

GPA: 3.6

Relevant Coursework: Artificial Intelligence: Principles and Foundations, Software Engineering, Organizational Behavior & Leadership, Marketing Fundamentals, Applied Business Statistics

EXPERIENCE

AMD

Santa Clara, CA

Software Engineer Intern

May 2025 - Aug 2025

- Identified inconsistencies in a 28K+ entry benchmark database and proposed a scalable validation system, improving data accuracy used by engineering and sales teams to evaluate product performance
- Collaborated with engineering, sales, and field application engineers to understand customer benchmarking needs and deliver a solution adopted across multiple internal teams
- Designed backend validation logic and dynamic UI dropdown components to standardize user inputs and reduce data ambiguity
- Built Python automation to streamline benchmark data ingestion, reducing manual processing by 85% and improving reliability of dashboards used to communicate product performance

Iternal Technologies

Austin, TX

Product Management Intern

Jun 2024 - Aug 2024

- Partnered with engineering and business teams to prototype AI-driven tools for medical and financial document analysis, translating user pain points into product solutions
- Produced 15 product demo videos explaining AI document analysis tools, increasing user retention by 27% and customer acquisition by 12%
- Defined use cases for LLM-powered automation in tax form and research analysis workflows, streamlining manual review time by up to 4 hours per task

PROJECTS

WeChat Blog Publishing Bot

Feb 2026 - Apr 2026

- Built an AI-powered message routing system that interprets free-form WeChat input and directs it to the correct action via a tiered pipeline, reducing AI model calls by 85%
- Developed an automated English/Chinese translation service integrated into a bilingual blog publishing workflow, cutting content creation time by 63%
- Built an AI captioning feature that generates publish-ready image descriptions and auto-inserts them into blog drafts, streamlining content creation across edits and republishes

LEADERSHIP AND INVOLVEMENT

Codeworks

Pleasanton, CA

Cofounder

Aug 2022 - Present

- Co-founded and designed a 6-week coding curriculum for middle schoolers, iterating on program structure based on weekly student feedback
- Led a team of 5 instructors, running weekly syncs to evaluate progress, prioritize curriculum adjustments, and drive a 21% improvement in student test scores
- Owned end-to-end program delivery for 30 students, from onboarding through project completion

SKILLS

- Technical: Python, SQL, JavaScript, React.js, Node.js, AWS (EC2), Git
- Product: Stakeholder Management, Requirements Gathering, Figma, Jira, A/B Testing