

AVA LAZAR

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CS cotermin and designer shipping full-stack and AI products end-to-end for real clients.

EDUCATION

Stanford University <i>Coterminal M.S. in Computer Science</i>	Stanford, CA <i>Expected Graduation: June 2028</i>
Stanford University <i>B.S. in Symbolic Systems, B.A. in Art Practice, 4.0 GPA</i> • Concentration in Human-Centered Artificial Intelligence	Stanford, CA <i>Expected Graduation: June 2027</i>

EXPERIENCE

United Therapeutics <i>Software Development Contractor</i>	Remote <i>Summer 2026</i>
• Own delivery of a serology and chain-of-custody module for an internal lab platform on a two-person team, translating lab workflows into structured data capture with automated PDF generation and DocuSign e-signing (ASP.NET Core, SQL Server). • Scoped and executed the migration of 1,500+ serology records, working with lab staff to validate edge cases.	
Automation Creations Inc. (ACI Webs) <i>Software Engineer Intern</i>	Blacksburg, VA <i>Summer 2026</i>
• Built and shipped a cost-estimation web app solo for manufacturer ThermaSteel, replacing a manual Excel workflow and cutting estimate turnaround from 30 minutes to under 5 (FastAPI, SQLAlchemy, MySQL). • Made user-protecting product calls: flagged a silent mispricing risk (surfaced by a 211-test regression suite) for mandatory review, and added a review-then-apply import flow after finding stale data in real uploads. • Integrated Gemini vision to extract measurements from architectural PDFs and reverse-engineered legacy pricing formulas to match historical estimates within 0.5%. • Shipped two more client-facing products: a CLIP-based semantic photo search tool (FastAPI, PyTorch; AWS/nginx) and conversational AI agents (Dialogflow CX, Gemini) for ThermaSteel and PetDiets.	
Scanlily LLC <i>Lead UI/UX Designer and Video Producer</i>	Blacksburg, VA <i>Spring 2022 – 2026</i>
• Led product design for an AI-powered SaaS asset-management platform; ran user sessions and worked with engineers to turn complex workflows into an intuitive, shipped interface. • Produced, voiced, and edited a suite of tutorial videos to drive adoption of business features.	
Stanford Speech and Cognitive Development Lab <i>Research Assistant</i>	Stanford, CA <i>March 2026 – Present</i>
• Run field usability-testing sessions with young children at Bing Nursery School to pilot a multimodal data-collection setup (eye-tracking glasses, LENA recorders); co-wrote protocols across collection, export, and upload.	
The Cantor Arts Center at Stanford University <i>Student Guide</i>	Stanford, CA <i>September 2024 – Present</i>
• Curate and guide multi-object museum tours using Visual Thinking Strategies, after a year of training.	

SKILLS

Product & Research	User research & usability testing, wireframing & prototyping, technical specs, cross-functional collaboration
Programming	Python, C#, Java, JavaScript, C, C++, SQL, HTML/CSS
Frameworks & Tools	FastAPI, ASP.NET Core, EF Core, SQLAlchemy, PyTorch, Git, SQL Server, MySQL, AWS, nginx, Linux
AI / ML	OpenAI CLIP, Google Gemini & Vertex AI, Dialogflow CX
Design & Other	Figma, Adobe Suite, Final Cut Pro; Spanish (conversational); dual US/EU citizen