Laura Khotemlyansky

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TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL, Swift, C++ (learning)
Frameworks: Node.js, Next.js, React.js, Express.js, React Native, TailwindCSS, UIKit
Cloud & Databases: AWS, Azure, GCP, MySQL, MongoDB, Redis, Firebase, BigQuery
Developer Tools & Infrastructure: Linux/Unix, Docker, Git/GitLab, CI/CD pipelines, Terraform, Vercel, Argo CD
Testing & Automation: Playwright, JUnit, Pytest, Jest, XCTest

WORK EXPERIENCE

Software Engineer Intern — Jun 2025 – Sep 2025
Costco IT, Modernized Digital Search — *Issaquah, WA*
- Supported the launch of an AI-powered product search platform to A/B testing with 10% of Costco.com traffic
- Built and tested distributed, event-driven data pipelines using Apache Beam on GCP Dataflow with Pub/Sub messaging, processing 3.5M+ catalog items, improving result relevance and achieving 80% test coverage
- Enhanced platform observability by developing monitoring dashboards, automated alerting, and CI/CD pipelines to detect failures, latency regressions, and pipeline anomalies

Lead Teaching Assistant — Sep 2024 – present
Paul G. Allen School of Computer Science & Engineering — *Seattle, WA*
- Create supplemental learning resources for Java, OOP, and data structures & algorithms courses
- Author exam questions and grading rubrics; providing detailed feedback and debugging support on projects
- Lead guest lectures for 150+ students, earning an average rating of 4.81/5 on student evaluations

Coding Instructor — Jan 2024 – Jul 2024
Coding with Kids — *Seattle, WA*
- Instructed robotics and game development classes across three Seattle elementary schools, designing inclusive lesson plans and coordinating project showcases that achieved a 95% retention rate and fostered excitement for STEM

PROJECTS

LeetCare | *Next.js, Shadcn, Prisma, ElevenLabs, OpenAI, Vercel* — Jun 2025 – present
- Core developer of an AI-driven education platform simulating real-world patient interactions using LLM-powered voice and text agents, currently collaborating with faculty to pilot the platform as a production classroom tool
- Designed backend APIs to orchestrate prompt pipelines, rubric-based evaluation, and structured AI feedback

!Graduated | *Express.js, Azure Auth, UW Enterprise Web Services, MongoDB, Render* — Apr 2025 – Jun 2025
- Developed a course search and review tool, integrating UW API data and authentication with advanced filtering, course saving, and a shared review board to streamline course discovery
- Designed backend architecture with custom APIs and a NoSQL schema for efficient data retrieval and storage

Eat Together | *React Native, Firebase Storage, ExpoGo* — Jan 2025 – Dec 2025
- Enhanced a React Native meal-sharing app used by 550+ students, modernizing chat infrastructure, implementing new UI prototypes, refining Firebase schemas, and ensuring compatibility across SDK migrations

LEADERSHIP

President (Prev. Coding Officer) — Sep 2024 – present
Web Impact at University of Washington — *Seattle, WA*
- Direct a 80+ member organization delivering client-ready, pro bono websites for local businesses and nonprofits
- Overseeing a full-stack web development workshop series, driving its curriculum, delivery, and website creation
- Mentor 8 project teams using Agile practices, driving sprint execution, iterative delivery, stakeholder communication, and high-quality hand-offs, while providing hands-on debugging and deployment support

EDUCATION

University of Washington — Seattle, WA
Bachelor of Science, Informatics — *Expected Graduation: Jun 2026*
- Awards & Recognition: Annual Dean's List, Information School Scholarship
- Relevant Coursework: Data Structures & Algorithms, Web Development (Client & Server-Side), Mobile Development (iOS), Cybersecurity, Database Systems, Search & Recommender Systems, Data Programming, Design Methods, Product Management