

ALLYSON KEIGHTLEY

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EDUCATION

Western Governors University <i>Bachelor of Science in Software Engineering GPA: 3.0</i> Relevant Coursework: Programming in Python, Version Control, Frontend Web Development, Probability & Statistics, Data Structures and Algorithms, IT Leadership	Salt Lake City, UT Exp May 2028
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TECHNICAL SKILLS

Languages: Python, JavaScript/TypeScript, Dart, SQL, HTML/CSS
Frameworks & Libraries: React, Next.js, Flutter, Node.js, Express, FastAPI, Tailwind CSS, ShadCN UI
Tools & Platforms: Git, GitHub, GitHub Actions, Postman, Figma, AWS, Google Cloud Platform, Supabase
Certifications: Google Generative AI Leader, Google IT Support, AWS Future AI Engineer, CodePath Advanced Web Development

EXPERIENCE

Frontend Software Engineer Intern <i>Todd — Agriscience startup</i>	January 2026 - Present
• Implementing Figma-driven UI for a Next.js (React/TypeScript) marketing site and client dashboard using Tailwind CSS, Radix UI, and Storybook , with Vitest testing and consistent quality via ESLint/Prettier	<i>Remote</i>
Software Engineer & Product Manager Intern <i>Kahani — Stanford-based startup</i>	
• Built cross-platform mobile app pilot feature with Flutter , Dart , and GCP ; based on insights from user-testing groups and UX/UI Figma design, turn qualitative feedback into prioritized engineering tickets	September 2025 - January 2026
• Co-authored infra + screen inventory for pilot features (states, edge cases, data flows), cutting design to engineer handoff time by 40% and reducing open questions per ticket by 70%	<i>Remote</i>
• Set up MVVM, feature-first folder architecture, improving code reuse and dropping time by 30%	
• Authored dev guides that made build reproducible, lowering new-machine setup and unblocking 80% teammates	
• Developed CI/CD workflow with GitHub Actions to cut PR cycle time with lint/tests	
• Extended internship: solo built company marketing website to production from Figma, delivering a deployment-ready rebuild in 3 weeks—React, Vite, and GCP Firestore + Analytics, with a Lighthouse Performance score of 98	

PROJECTS

CS Course Explorer <i>React, Vite, Express.js, OAuth, Railway, PostgreSQL, Docker, Cloud Run</i>	View Demo
• Deployed, full-stack student-sourced course intelligence app; reviews with voting, filters, resources	
• Shipped end-to-end in 2 weeks by a 3-dev team, owning and co-authoring PRD, scope, error handling and demo	
• Achieved fast UX by keeping p95 API under 500ms in test data, added SQL constraints and indexes for fast reads	
Leukemia Blood Cell Classifier <i>Python, TypeScript, React, FastAPI, Tensorflow, Keras, Grad-CAM</i>	View Demo
• Fine-tuned ResNet50 classifier on blood-cell microscopy dataset of approx 3.2k images, reaching 97.8% validation accuracy using class-weighted training and aggressive augmentation with Keras and TensorFlow	
• Built an interactive React + Vite dashboard with Recharts and Grad-CAM to visualize findings, training vs. validation loss, and accuracy over 45 epochs, to compare learning curves without touching Python	
• Used scikit-learn to compute per-class metrics, packaging the full classification report into JSON for downstream analysis and for surfacing headline metrics in the web UI	

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow (MLT) <i>Career Prep Fellow: Software Engineering Track</i>	January 2026 - Present
• Accepted into a selective 18-month professional development program that accelerates the career growth of emerging leaders through structured coaching, mentorship, and targeted business and technical skill-building	
AI4ALL <i>Ignite Program: AI/ML Accelerator Fellow</i>	
• Highly selective 20-week program —engaging in hands-on projects applying AI to real-world challenges, with mentorship from industry professionals and academic leaders	September 2025 - Present