

Kevin Khuu

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EDUCATION

University of Texas at Austin

Master of Computer Science

Expected Dec. 2026

University of Washington, Paul G. Allen School of Computer Science

Bachelor of Science in Computer Science

Dec. 2023

GPA: 3.92 – Cum Laude

Relevant Coursework: Machine Learning, Deep Learning, Reinforcement Learning, Computer Vision, Operating Systems, Distributed Systems, NLP, Data Management, Data Structures & Parallelism

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, Java, C++, Go, HTML, CSS, React.js

Tools: Git, VS Code, OpenAI, PostgreSQL, CI/CD Pipelines, Rest API Development, Version Control, API Integrations, Docker, Kubernetes, GCP, Azure

EXPERIENCE

Software Engineer

June 2025 – Present

Stealth Startup

Seattle, WA

- Architected an AI-powered document retrieval and reasoning platform that matches users to eligible firms
- Implemented a RAG pipeline using FastAPI and OpenAI models to deliver responses based on 200+ documents
- Built data ingestion pipelines for policy documents, including semantic chunking and vector embeddings
- Developed a custom scoring and ranking engine to evaluate firm eligibility using multi-factor criteria
- Collaborated with domain experts to translate complex rules into testable system logic

Software Developer

Jan. 2024 – Feb. 2025

Studio Tuko

<https://tuko.studio/>

- Shipped end-to-end features across prototype games and web applications in a startup environment
- Built gameplay mechanics and developer tools in Godot, integrating backend services where needed
- Designed and implemented web applications using React and Vue, focusing on clean UI and performance

PROJECTS

Digitask Productivity App | *TypeScript, React, PostgreSQL, Supabase*

[Project Link]

- Built a gamified productivity app with virtual pet mechanics to drive user engagement
- Implemented real-time data updates and sync using Zustand state management and Supabase subscriptions
- Designed PostgreSQL schemas and developed RESTful APIs to support tasks and user tracking
- Surveyed 40+ early users and iterated onboarding and UX flow to improve engagement and clarity

Val Stocks | *Typescript, React, Node.js, Next.js, PostgreSQL*

[Project Link]

- Developed a sentiment-based trading platform using VALORANT esports data and user-based pricing mechanics
- Built REST APIs for tournament data and designed price algorithms using supply/demand and Reddit sentiment
- Designed a relational schema to handle 10,000+ historical data points with updates to front-end charts

Bird Classifier | *Python, Pytorch, Git*

[Project Link]

- Developed a convolutional neural network using transfer learning to classify 555 bird species with 85.2% accuracy
- Automated data preprocessing, training, and evaluation workflows over a 48,000+ image dataset
- Ranked top 5 in a Kaggle competition focused on real-world bird classification from noisy, diverse inputs

Welp Application | *Go, Kubernetes, Docker, GCP, Linux, Git*

- Created a scalable backend capable of handling 11,000+ req/sec with REST APIs for reservations and reviews
- Containerized services using Docker and deployed with Kubernetes for horizontal scalability
- Boosted response time by 110% after benchmarking LRU, MRU, and FIFO caching techniques