Ali Khani

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LinkedIn — GitHub

EDUCATION

University of California, Berkeley — Berkeley, CA
Bachelor's in Computer Science, Minor in Data Science — May 2025
- **Coursework:** Efficient Algorithms, Computer Architecture, Data Science, Probability, Databases, Security, AI, Machine Learning, Networking, Operating Systems, LLMs, Growth Marketing.

SKILLS

- **Languages:** Java, Python, JavaScript, Golang, C/C++, SQL, Rust, HTML, CSS, TypeScript
- **Libraries:** React, Bootstrap, Scikit-learn, NumPy, Pandas, Matplotlib, Plotly, TensorFlow
- **AI/ML/LLM:** LangChain, HuggingFaceEmbeddings, GPT-4o, sklearn, TensorFlow, PyTorch
- **DevOps:** Git, GitHub, GitLab CI, Node, Vim, Shell, Linux, Docker, Kubernetes, Jira, YAML
- **Security & Tools:** Semgrep Code, Wiz, Gem, IntelliJ IDE, VSCode, Rancher
- **Cloud:** AWS (VPC, EC2, IAM, CloudFormation, S3, Security Groups), GCP, Terraform

EXPERIENCE

Founding Growth Engineer — San Francisco, CA
Stealth AI SalesTech Startup — Sept 2024 - Present
- Leveraged Scrapy & BeautifulSoup for data scraping from X, LinkedIn, Google News, & Pitchbook.
- Integrated CRM data using API integrations & RESTful services, optimizing data synchronization.
- Led A/B testing for platform adoption, driving 20% increase in active user engagement.
- Improved predictive ML model insights with scikit-learn for upsell opportunities and churn risks.
- Executed data pipelines with AWS Lambda & S3 for efficient data processing & storage.
- Implemented GTM alignment workflows for actionable intelligence on clients' sales processes.

Software Engineering Intern — San Ramon, CA
Five9 - Information Security — Jun 2024 - Aug 2024
- Designed YAML scripts in GitLab CI to automate CI/CD pipelines into Semgrep for SAST/SCA.
- Triaged critical vulnerability findings via Semgrep Code across all Product Engineering codebases.
- Utilized Rancher for effective Kubernetes cluster management to ensure deployment efficiency.
- Leveraged Wiz to monitor & secure cloud infrastructure, triage issues, & ensure compliance.

Teaching Assistant, Data Structures (CS61B) — Berkeley, CA
University of California, Berkeley EECS — Aug 2022 - Aug 2023
- Taught discussion & lab sections of 40+ students each in Berkeley's largest class (1800+ students).
- Created project presentations, API guides, & Git guide as resources for student projects and HWs.
- Resolved issues for Git workflow, IntelliJ configuration & debugging, and automated testing.

PROJECTS

Fivey — Python, LangChain, GPT-4o, Docker — *Jun 2024 - Aug 2024*
- Built a chatbot via HuggingFaceEmbeddings & GPT-4o with Confluence data connector.
- Leveraged Streamlit UI to improve accessibility for employees querying internal documentation.
- Enhanced chatbot's deployment with REST API & ensured robust deployment via Docker.

Dropbox — Go, Docker — *Feb 2024 - Apr 2024*
- Designed a secure file-sharing system in Go emulating Dropbox, incorporating cryptographic functions for user authentication and secure operations.
- Architected security measures and testing & development cycles for robust system implementation.

Gitlet — Java — *Jun 2023 - Jul 2023*
- Created version-control system emulating Git with commit, merge, and branching functionalities.
- Designed efficient snapshot storage & history tracking, incorporating SHA-1 hashes for content ID.
- Developed a serialized persistence model for state retention, emphasizing CLI argument validation.