JAMES D. TANNER

VP of Software Engineering ● Cambridge, MA

🌐 jamestanner.me 🔗 james-d-tanner 🐙 JamesTann
@ jdtanner103@gmail.com 📞 978-880-3688

EDUCATION

Dartmouth College 🏛 Hanover, NH 🎓 June 2021
Bachelor of Arts *(cum laude)* GPA 3.81/4.0
Majors: Computer Science and Asian Societies Cultures and Languages
Citations: Database Systems, 鲁迅与胡适, and Senior Design/Implementation
Activities: Zeta Psi Fraternity, Aquinas House Catholic Student Center

Beijing Normal University 🏛 Beijing, China 🎓 Fall 2018
Language Study Abroad Program

RELEVANT EXPERIENCE

Krevera 🏢 Waltham, MA (In Office) 📅 December 2023-Present
Vice President of Software Engineering

MITRE 🗄 Bedford, MA (Hybrid) 📅 May 2023-December 2023
Senior Software Engineer
- Orchestrated delivery of multiple full-stack web applications to various government sponsors, working with their development teams to ensure a smooth technical transition
- Took over as lead developer on an Express backend, rewriting it with a new ORM to decrease response times by nearly 50%

MITRE 🗄 Bedford, MA (Hybrid) 📅 April 2022-May 2023
Software Engineer
- Designed and developed a prototype showcasing a new framework, securing $1 million in new sponsor funding
- Configured Gitlab CI/CD pipelines to automatically deploy software company-wide, enabling faster development and testing

*As **Task Lead** & **Scrum Master**:*
- Met with application stakeholders and integrated feedback into new feature development
- Led team of 5 designers and engineers through regular sprint cycles to plan, execute, and evaluate progress
- Collaborated with human-centered engineers to convey requirements from sponsors and guide design and implementation

Complete history of relevant experience can be found on my LinkedIn.

PUBLICATIONS

📄 Branting, K., McLeod, S., Howell, S., Weiss, B., Profitt, B., Tanner, J., … Shin, D. (2022). A computational model of facilitation in online dispute resolution. *Artificial Intelligence and Law*. doi:10.1007/s10506-022-09318-7

OBJECTIVE & GOALS

I am currently interested in **building large-scale, production grade distributed systems**. I am also interested in the **intersection of software engineering and human-centered design**, and how to best integrate the two into a **cohesive and efficient development process**.

TECHNICAL SKILLS

Full-Stack Web Dev · Task Leadership · Databases · Dev Ops · Agile Dev · Prototyping · Demos & User Sessions · Automated Testing · Documentation

LANGUAGES

Language	Proficiency
Python	●●●●●
Typescript	●●●●○
Docker	●●●●○
Rust	●●●○○
Java	●●●○○
Matlab	●●●○○
C#	●●●○○
FastAPI	●●●●●
Vue3	●●●●○
Flask	●●●●○
React	●●●●○
SQLAlchemy	●●●●○
Postgres	●●●●○
MongoDB	●●●○○
MySQL/MariaDB	●●●○○
Elasticsearch	●●●○○

OUTSIDE THE OFFICE

🧰 **Woodworking & Tinkering**
I love making things. Woodworking is a hobby I picked up through charity work for Habitat for Humanity in high school. I mainly focus on functional furniture and smaller projects.

🪧 **Hiking & Camping**
I make a habit of going on a day hike or weekend camping trip at least once a month in the summer.

🎥 **Film**
I have watched over 600 films on Letterboxd. I especially enjoy independent short films and vignettes.