

David Teather

contact.davidteather@gmail.com

dteather.com | /in/davidteather | github.com/davidteather

Education

University of Wisconsin - Madison	Madison, WI
<i>Bachelor of Science in Computer Science, Minor in Entrepreneurship</i>	GPA: 3.92/4.0

Experience

CrowdStrike	Aug 2024 - Present
<i>Software Engineer</i>	
<ul style="list-style-type: none">Spearheaded end-to-end development of a customer-facing API microservice, increasing feature utilization by 30%, sustained 99.9% success rate and 99.99% uptime.Ensured engineering resiliency with 90%+ unit-test coverage, comprehensive end-to-end integration tests, automated alerts, documented runbook procedures, and rapid rollback capability.Accelerated onboarding and service rollout by 50% through a “New Service Playbook” codifying tribal knowledge-adopted by 100+ engineers.Developed Grafana dashboards for API, OpenSearch, and Kafka pipelines; managed on-call rotation and resolved incidents within SLA windows.	
<i>Software Engineer Intern</i>	May 2023 - Sep 2023
<ul style="list-style-type: none">Developed a parser, lexer, and VM for LogScale Query Language (LQL) to a custom efficient bytecodeDesigned a comprehensive linter tool to ensure code integrity and to catch bugs before deployment to the clientCreated a custom testing framework for LQL, integrating it into our CI/CD pipeline	
Collab	May 2022 – May 2023
<i>Software Engineering Intern</i>	
<ul style="list-style-type: none">Designed and implemented a high throughput ETL pipeline, handling over 1 billion recordsBoosted request throughput by 450M+ requests/day through creating an efficient Go based API abstractionFuture-proofed processing jobs using Apache Spark in Scala enabling horizontal job scaling	

Projects

ApplicantAtlas	2023-2024
<ul style="list-style-type: none">Developed a serverless, event-driven hackathon platform featuring a schema-driven form builder, time-gated access, email automations, and webhook integrationsSolely owned product vision, architecture, UX, and CI/CD; guided an open-source contributor to ship features	
LinkedIn Learning Instructor	2023
<ul style="list-style-type: none">Teamed up with GitHub and LinkedIn Learning to create a highly engaging, impactful courseEmpowered 4.1K+ learners to master GitHub Codespaces, enhancing their coding efficiency and productivity	
TikTokAPI	2019-2025
<ul style="list-style-type: none">Engineered a popular open-source Python package to extract data from TikTok’s website, with over 2.3M+ downloads and 7.1K+ GitHub starsUsed extensively in the academic and corporate sectors, cited in 25+ academic papers from renowned institutions including Yale, Northwestern, The United Nations, and used by 500+ companies	
The Response Times	2022
<ul style="list-style-type: none">Conducted in-depth security analysis of YikYak’s app, uncovering critical privacy vulnerabilities, prompting enhancements to user privacy (featured in Vice and The Verge)Increased user data security by identifying and addressing critical vulnerabilities in link.social's authorization tokens, protecting sensitive user data for thousands of users (email, phone number, locations, birthdays, etc)	

Achievements and Leadership

IMC Prosperity 2 Top 100 US	2024
MIT BattleCode Finalist 13th out of 400	2024
MadHacks Lead Organizer	2023
<ul style="list-style-type: none">650+ applicants, 250+ attendees, 50+ projects, \$15K+ funding	
Undergraduate Projects Lab Coordinator (UPL) Workshops, Talks, Mentorship	2023-2024
GitHub Campus Expert Leadership, Community Development	2022-2024

Technical Skills

Languages:	Go · Python · Scala · TypeScript · SQL
Technologies:	AWS · Apache Kafka · Elasticsearch · OpenSearch · PostgreSQL · Prometheus · Grafana
Dev Tools:	Docker · Terraform · GitHub Actions · GitHub Codespaces
Compliance:	CJIS-Cleared · Experience working in FedRAMP High, DoD IL5, and AWS GovCloud environments