

David Teather

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Education

University of Wisconsin - Madison

Bachelor of Science in Computer Science, Minor in Entrepreneurship

Madison, WI

GPA: 3.92/4.0

Experience

CrowdStrike

Software Engineer

Aug 2024 - Present

- 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.

Software Engineer Intern

May 2023 - Sep 2023

- Developed a parser, lexer, and VM for LogScale Query Language (LQL) to a custom efficient bytecode
- Designed a comprehensive linter tool to ensure code integrity and to catch bugs before deployment to the client
- Created a custom testing framework for LQL, integrating it into our CI/CD pipeline

Collab

May 2022 - May 2023

Software Engineering Intern

- Designed and implemented a high throughput ETL pipeline, handling over 1 billion records
- Boosted request throughput by 450M+ requests/day through creating an efficient Go based API abstraction
- Future-proofed processing jobs using Apache Spark in Scala enabling horizontal job scaling

Projects

ApplicantAtlas

2023-2024

- Developed a serverless, event-driven hackathon platform featuring a schema-driven form builder, time-gated access, email automations, and webhook integrations
- Solely owned product vision, architecture, UX, and CI/CD; guided an open-source contributor to ship features

LinkedIn Learning Instructor

2023

- Teamed up with GitHub and LinkedIn Learning to create a highly engaging, impactful course
- Empowered 4.1K+ learners to master GitHub Codespaces, enhancing their coding efficiency and productivity

TikTokAPI

2019-2025

- Engineered a popular open-source Python package to extract data from TikTok’s website, with over 2.3M+ downloads and 7.1K+ GitHub stars
- Used 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

- 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

- 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