Zachary J. Rice

☎ 217-714-5103
✉ zricezrice@gmail.com
🌐 github.com/zricethezav
in linkedin.com/in/zricethezav

Experience

Gitleaks – Maintainer-Creator   *Nov '18 – present*

⬇ *4M Docker pulls, 76k Brew installs, 500k Github installs, 8.9k Github stars*

🔗 https://github.com/zricethezav/gitleaks

- Develop features and fix bugs for Gitleaks, a FOSS project written in Golang and used by hundreds of companies, including some Fortune 500.
- Reliably release new builds via Github actions CI/CD.
- Foster an open and supportive community via discussions in issues and pull requests.

Gitlab – Software Engineer ⌂ Working remote in Chicago, IL   *Jan '20 – present*

- Develop a generic and interprocedural SAST engine based on tree-sitter.
- Ship SAST and Secret Detection products to both community and enterprise editions of Gitlab.
- Manage community contributions for the Static Analysis group.
- Collaborate with Product Management and other stakeholders within Engineering asynchronously.
- Schedule and design units of work ranging from small bug fixes to multi-sprint epics.

Gannett – Software Engineer ⌂ Working remote in Urbana, IL   *May '18 – Nov '19*

- Maintained Fastly, our CDN provider:
  - Developed and maintained a testing pipeline using Golang and Terraform to test our Fastly services.
  - Wrote complex VCL logic to assist other teams developing their Fastly services.
- Maintained Gannett's API Gateway and Developer Portal via Apigee:
  - Developed and maintained a comprehensive pipeline for deploying APIs.
  - Wrote documentation about how to best use the Developer Portal and Apigee Edge.
- Developed Go microservices that power Gannett's content pipeline using Go-kit as a microservice framework and Wire for dependency injection.
- Developed Go applications for internal customers (slackbots, management apis, automation tools, etc).
- Led sprints, mentored engineers, presented projects, monitored services using New Relic and Sumo, and hosted blameless post-mortems.

Agrible – Software Engineer 📍 Champaign, IL   *October '15 – May '18*

- Developed soil, weather, and crop yield simulations using SciPy.
- Created a system for measuring farm operational sustainability.
- Participated in daily standups, sprint planning and intern management.

University of Illinios – Teaching Assistant 📍 Urbana, IL   *August '14 – December '15*

ECE 220, Computer Systems and Programming

- Taught lab sections twice a week and taught lectures when professor was absent.

State Farm RDC – Systems Intern 📍 Champaign, IL   *May '14 – August '14*

- Developed a computer vision project using OpenCV and Xbox Kinect to detect and track unsafe driving behaviors. This project was open sourced to a Kaggle competition, *State Farm Distracted Driver Detection*, for a $65,000 prize – https://www.kaggle.com/c/state-farm-distracted-driver-detection.

Fermilab – Accelerator Control Intern 📍 Batavia, IL   *May '13 – Aug '13*

Education

University of Illinois, Electrical and Computer Engineering Urbana, IL   *August '13 – December '15*

Bachelor of Science in Computer Engineering

Parkland College, Urbana, IL   *December '12 – May '13*

Associate of Science in Electrical Engineering Sciences and Computer Science

Skills

Languages: Go, C, Python, Javascript, VCL, Bash, C++, Rust, Java, x86, CUDA, PostgresSQL, Groovy, LATEX

Technologies: Gitlab Pipelines, Github Actions, Heroku, Jenkins, Terraform, Vault, Consul, Fastly, Apigee, GCP, AWS, NewRelic, Kibana, Sumo, Kubernetes, Helm, Docker, Django, Flask, Redis, Postgres, ElasticSearch, Celery, Vagrant, Wireshark, BurpSuite, Selenium, Vim