William Wang

Houston, TX
williamvwang.github.io
williamvwang+cv@gmail.com

Experience

Schlumberger, Cloud Software Engineer   Jul 2018 - present

- Building out an on-demand, GPU-driven 3D visualization-as-a-service solution for massive O&G datasets (100GB+)
- Supporting growth from ~10-user MVP to 200+ concurrent users in production
- Serving as on-call SRE by profiling and diagnosing distributed service degradations, instrumenting service level indicators, and monitoring error budgets
- Eliminated team day-to-day operational toil by automating build, release, and cloud infrastructure deployment workflows

JPMorgan Chase & Co., Technology Analyst Intern   Jun 2017 - Aug 2017

- Led exploratory redesign to consolidate and migrate bare-metal server support applications to the firm's internal cloud platform
- Built and deployed cloud-native MVP integrating SSO and RBAC

Education

Rice University, B.A. Computer Science   Aug 2014 - May 2018
GPA 3.34 / 4.00

Skills

Knowledgeable

- TypeScript, ES6/7/8, Node.js, Golang, Python, Java
- Unix, Bash, Git, Docker, Kubernetes, IaC
- HTTP(S), DNS, REST, JSON, YAML, Jinja2
- HTML, CSS, jQuery
- Google Cloud Platform, Azure DevOps, PagerDuty

Familiar

- C, Vue, Angular
- SQL, MongoDB, gRPC
- JWT, SAML, OpenID, OAuth

Projects

revue
Simple, extensible technical interview prep - add new questions to the bank through a standard YAML format and easily filter by tags

whisper
Portable and disposable Flask-SocketIO chat rooms with human-friendly unique URLs

GoodMorning
A complete wake-up experience app that provides users with daily weather forecasts, upcoming calendar events, and a pub/sub text and image messaging center

Tempt
A Facebook messenger bot for tracking and coordinating group chat members interested in social activities