Stanley Zheng

(347) 399-3732
stanley@stanzheng.com

Employment

Cloud Data Engineer **Cloudreach** **Jan. 2018 – Present**

- Worked as a customer facing software engineer developing software on the cloud from strategy to delivery.
- Developed and maintained cloud-native data infrastructure on Google Cloud for a large government enterprise.
  - Used Google Cloud Services to ingest and transform data at the rate of 130K events per second to multi-tier consumers and datasinks; Data latency was < 5 seconds for events and managed over 48 TBs of data.
  - Designed and implemented CI/CD pipelines following Infrastructure-as-Code using Terraform and Jenkins.
- Designed and built data pipelines on AWS for large multimedia advertising companies on small teams.
  - Designed and deployed data lakes using AWS S3, Lambda, and Glue Crawlers transforming data to flat files.
  - Enabled data to perform data analytics on their data lakes and warehouses using Athena and Redshift.

Software Engineer **Dominion Enterprises** **May 2017 – Dec. 2017**

- Spearheaded the platform rewrite of the Homes.com core product on a medium-sized team.
  - Designed architecture for microservices leveraging containerization and service orchestration on kubernetes.
  - Established code standard practices and style guidelines for the backend team through tooling and docs.

Backend Developer **Grow** **Jan. 2015 – Oct. 2016**

- **ContentAds** (2016). Lead developer on real-time dynamic ads system for Google and Rogers Canada. Developed an asset pipeline that transformed live video on-demand into assets trafficked to DoubleClick.
- **Grow Gifts** (2015). Full-stack developer on an ecommerce project. Developed custom internal CRM using React to handle orders and developed the Java backend that serviced the client and internal facing sites.

Education

Participant **Recurse Center** **Nov. 2016 – Feb. 2017**

- Participated in a 12-week coding retreat at the Recurse Center in New York City. Improved programming skills through project based learning, mentoring, and pairing with other programmers.

Student **Old Dominion University** **Sept. 2010 – May 2015**

- Bachelor of Science in Computer Science, May 2015.
- Chair Association for Computing Machinery, Sept. 2013 – May 2014.

Volunteer Experience

Brigade Captain **Code for America** **Feb. 2013 – April 2018**

- Organized volunteers to use technology to write apps and open data to improve their local communities.

Organizer Emeritus **Norfolk JavaScript User Group** **Jan. 2014 – Apr. 2018**

- Grew the community through events and workshops to over 500+ members and 20+ events annually.

Languages And Technologies

Proficient

- Languages: Bash, JavaScript, HCL, Markdown, Python, SQL, YAML
  Technologies: AWS, Docker, Git, GCP, Jenkins, Jupyter, Kubernetes, MySQL, Node, React, Redis, Terraform

Some Experience

- Languages: C++, C#, Cloud Init, CSS, Golang, HTML, Java, Lua, PHP
  Technologies: Angular.js, Android, Atlassian Bamboo, Apache Airflow, Apache Beam, Docker-compose, Express.js, Flask, FFmpeg, Hapi.js, LAMP, Maven, Mongodb, Nginx, Redux, SQLite, Serverless, Unity, Vim