

工作经历

高级软件工程师

微软, 雷德蒙德, 美国华盛顿州

2017/04 - 2022/09

- Led Microsoft wide initiative to support proof of possession authentication token, unblocking selling to Financial SaaS.
- Drove the adoption of next-generation Microsoft Authorization protocol for \$5M/y team-wise COGS reduction.
- Led the auth framework migration from ADAL.NET to MSAL.NET, preventing SPOF in Azure token issuing service.
- Decomposed monolithic app into microservices and owned mission critical authorization service.
- Owned tier zero Teams sign-in service and drove the service availability to five nine standard.
- Led the Microsoft Teams trial license and cross-tenant licensing features which result in additional 1M yearly signup.

软件工程师

安迅公司 *Actuate Corporation*, 圣马蒂奥, 美国加利福尼亚州

2015/10 - 2017/04

- Implemented column-based report data source compression for top level Eclipse open source project BIRT, resulting in a 16% less data than original row-based compression on average (Java).
- Enhanced gantt charts exporting features for HTML5 with Javascript and Highcharts.
- Developed integration testing with Maven and Selenium for report war files on embedded Tomcat server.

软件工程实习生

美国金融监管局 *FINRA*, 洛克维尔, 马里兰州

2014/05 - 2014/08

- 在亚马逊云上开发一个Splunk中基于角色的权限管理系统, 公司并基于此项工作在AWS: reInvent 2015中做了演讲.
- 用Python脚本从AWS IAM中取得权限信息并与存储在AWS S3中的标准进行对比.
- 整合AWS CloudTrail日志进入Splunk来自动化周期性的安全检查, 此工作减少了13.5%的AWS云日志费用

教育

马里兰大学帕克分校

科技创业硕士学位

2019/02 - 2021/05

约翰霍普金斯大学

信息安全硕士学位

2013/09 - 2015/05

中国科学技术大学

计算机工程学士学位

2009/08 - 2013/07

论文

Automatic Tag Saliency Ranking for Stereo Images

- Yang Cao, Kai Kang, Shijie Zhang, et al.

Neurocomputing, 2015

Underwater Stereo Image Enhancing Using a Physical Model

- Shijie Zhang, Jing Zhang, et al.

ICIP, 2014

A Novel Segmentation-based Video Denoising Method with Noise Level Estimation

- Shijie Zhang, Yang Cao, et al.

MMM, 2013 (Oral) & *Invited to Information Sciences*, 2014