

Wei Zeng

+1(713)448-9960 · wei.zeng1993@gmail.com

LinkedIn: <https://www.linkedin.com/in/wzeng93/>

WORK EXPERIENCE

Microsoft Corp. (Azure SQL Control Plane)

Software Engineer

Redmond, WA

June 2016 - Present

- (Tech Lead) Architected cross-organization project for Azure SQL Region Expansion. The automation code cuts down buildout time from 5 weeks to 1 week. Under great time-constraint, owned the process of 13 most recent regional buildouts, delivering each buildout mission on time.
- (Tech Lead) Re-architected and led a team to refactor SQL Synapse control plane code to utilize existing Finite State Machine framework in SQL control plane workflow, resulting in significant duplication of code, and improved code manageability and upgradability.
- Designed and implemented SQL Managed Instance Pools from scratch. From an engineering perspective, delivered the project on time, from a business perspective, on-boarded multiple customers and built great personal relationship with customer tech-leads. SQL Managed Instance Pools is currently a 100K+ USD/mo. revenue offering.
- Implemented client-side API code (Azure CLI, Powershell) for SQL Serverless offerings.
- Implemented subscription level API code for SQL Reserved Instance, generating 100K+ USD revenue on day one.
- Coordinated and implemented billing system code for SQL Hyperscale offerings.
- Designed and implemented restore logic for high-storage databases, influenced the team to achieve 100% test coverage.
- Initiated mentorship program for 10+ new hires in the team, helping with engineering system onboarding and On-call prep and shadowing.

LinkedIn Corp. (Search Applications)

Software Engineer Intern

Mountain View, CA

May 2015 – August 2015

- Created and owned full-stack code base for mobile caching on people search, with mid-tier API service design and development (Java 8), as well as IOS client-side development (Swift).
- The project has been integrated into LinkedIn App, available to all LinkedIn users.

ShoreTel Inc. (System Management & Web Administration)

Software Engineer Intern

Sunnyvale, CA

May 2014 – Aug. 2014

- Migrated programs from VB legacy services to C++ utilizing Open Database Connectivity and company-developed APIs.

Rice University (Robotics Lab)

Undergraduate Researcher

Houston, TX

Jan. 2014 – May 2014

- Contributed to developing a distributed algorithm for robot swarms rotating around COM.

TECHNICAL SKILLS

Languages: C#, Java, C++, Python, Scala, Swift, Solidity, Powershell

Experiences: Distributed System Designs, Continuous Deployment Pipeline, Agile Development, Github, Tech Stack in Microsoft Azure, Online Service Maintenance, Project Planning, Coaching Junior Engineers.

PERSONAL PROJECTS & ACTIVITIES

Real-time Stock Recommendation Service

2017 - 2020

Crypto/NFT Wallet Tracker

2022 - Present

Ethereum NFT Smart Contract

2022 – Present

Youtube Content Creator (400K+ views, 1.8K+ subscribers)

2020 - Present

Unsplash Photography Creator (18M+ views, 100K downloads)

2018 – Present

EDUCATION

Rice University, Houston, TX

Master of Computer Science

Aug. 2015 - May 2016

Rice University, Houston, TX

B.A. in Computer Science

Aug. 2012 - May 2015

TEACHING EXPERIENCE

Teaching Assistant of COMP 215: Introduction to Program Design (Java)

Aug. 2014 – Dec. 2015

Teaching Assistant of COMP 322: Fundamentals of Parallel Programming (Java)

Jan. 2015 – May 2015