Zeqi Cui

www.zeqicui.com
cuizeqi@gmail.com
github.com/zeqicui

Experience

Google, Software Engineering Intern   Sept - Dec 2018
- Focused on frontend performance and testing on the Gmail EngProd team.
- Sandboxed the Gmail stack for hermetic testing; developed metric processing for web tracing on newer latency tests and explored effects of RPC replay.

Microsoft, Software Engineering Intern   Jan - Apr 2018
- Delivered a high performant Apache Spark to SQL Database connector on the Azure SQL Data Team, achieving 10x write speeds versus the Spark default.
- Integrated sync agents in contained SQL databases for IOT Edge devices.

theScore, Software Developer Intern   May - Aug 2017
- Improved the sports GraphQL and REST API by exposing multiple game statuses for client-side development and cutting down on redundant queries.
- Optimized Elastic search engine by boosting highest league subscriptions.

BlackBerry, Software Developer Intern   Sept - Dec 2016
- Modularized internal APIs and integrated WeChat and Telegram services into BlackBerry Hub's infrastructure on Android, shipped globally.

QUS, Software Developer Intern   Jan - Apr 2016
- Deployed automation algorithms to reduced manually-assigned insurance orders by up to 70% based on location, nurses and insurance order types.

Projects

NeuroGate, 1ˢᵗ place in ImagineCup Canada 2017, 4ᵗʰ in World Finals
- NeuroGate is featured on BetaKit, WaterlooChronicle and TechCrunch.
- Developed using machine learning and Kinect to diagnose patients and track progression of neurodegenerative diseases from gait abnormalities.

Arrow A.I., 1ˢᵗ place, Microsoft Prize, Hack Harvard 2016
- Leveraged the Azure cloud and machine learning to detect early progression of Huntington's disease using a Leap motion sensor.

WhereNow, Published on Google Play Store
- Used Firebase, Facebook API, and Google Maps for storing and locating real-time events happening in-the-hour based on user location.

Education
University of Waterloo
Computer Engineering
Graduating April 2020

Skills
Java, Scala, Python
C++, C

Spark
Docker
ElasticSearch
iOS / Android
Ruby on Rails
GraphQL
SQL

Tools
Git, TFS
Jira, Asana

AWS, Azure
Google Cloud

Awards
Langstaff Computer
Engineering Award (2015)

Langstaff International &
Business Commerce
Distinction (2015)

University of Waterloo
Cayley, Silver (2013)