

Eric Wang

Present Address



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Experience

Software Engineer, Cloud Platform, Databricks 6/2017 - Present

- Implemented features for managing the lifecycle of customers' cloud resources
- Defined/unified service substrate for Databricks services using Kubernetes across multiple clouds (AWS/Azure)
- Improved scalability/reliability of cross-team monitoring infrastructure
- Built tooling for reducing/analyzing cloud infrastructure operating costs

Software Engineer, Backend Infrastructure, Cisco Meraki 10/2015 - 6/2017

- Developed core features for custom time-series relational database, **Little Table**
 - Designed/implemented garbage collection framework for reclaiming space
 - Optimized performance for table scanning logic for specific read-patterns
 - Built rigorous synthetic performance benchmarking framework
- Architected service deployment system for Java/Scala applications across infrastructure

Software Engineer, Cloud Managed Switches, Cisco Meraki 7/2014 - 10/2015

- Built device/backend communication grabber for updating configuration changes
- Implemented port authentication system using RADIUS protocol for client devices
- Designed and implemented backend/UI support for physical stacking feature

Financial Technology Associate Intern, Citadel LLC 6/2013 - 8/2013

- Worked on High Frequency Trading Options team
- Built exchange data parser for real time processing of market data in C++
- Analyzed market latencies of correlated products on different exchanges
- Implemented automated system for measuring liquidity response for correlated market indices

Research & Conference Presentations

Speaker, Real Security for Services on Kubernetes 12/2017

- Presented at KubeCon/CloudNativeCon 2017

Co-Author, LittleTable: A Time-Series Database and Its Uses 6/2017

- SIGMOD '17 Proceedings of the 2017 ACM International Conference on Management of Data, Pages 125-138
- Presented at SIGMOD 2017

Education

California Institute of Technology, Pasadena, CA June 2014

- B.S. in Electrical Engineering, Minor in Computer Science

Computer Skills

Tools: Kubernetes, Docker, Prometheus, Terraform, Bazel, Spark, Postgres, Git
Languages: C++, Java, Scala, Python, Ruby, C, Javascript, SQL
Clouds: AWS, Azure, GCP