

Eric Metcalf

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EXPERIENCE

ARISTA NETWORKS | SOFTWARE ENGINEER

Sept 2020 – March 2025 | Santa Clara, CA

- Designed and built first integration between Awake's NDR product and Arista Cloud Vision allowing for users to visualize security threats and jump to security application, increasing ability for users to sell Awake NDR products into network customers
- Built and tested integral components that went into releasing Arista's MSS product
- Coordinated and drove speaker series to decrease silos in the security organization, yielding better understanding of security landscape, communication across teams, aligning engineering goals with product go to market strategy
- First Awake employee to work on Arista university hiring team opening new pipeline for Awake to hire qualified candidates

AWAKE SECURITY | MEMBER OF TECHNICAL STAFF

Jan 2019 – Sept 2020 | Santa Clara, CA

- Joined and supported growing Series B start up as 3rd member of data team and helped drive a post series C successful exit (acquired by Arista Networks)
- Designed, built, and maintained new backend framework for interactive dashboards which was demoed at RSA in 2020, instrumental in sales, and the landing page of the product for 4 years.
- Collaborated with product, ui, threat research, and ux, taking vague requirements and customer complaints, and transforming them into fully built out features yielding satisfied customers and investors in short timelines
- Designed and implemented new indexes for the awake query language improving query performance 1000x for many queries
- Maintained code base of > 10,000 lines of code with 4 other team members, responsible for data ingestion, query language/translation, query optimization, data warehousing, and OLAP workloads

AWAKE SECURITY | DATA INFRASTRUCTURE INTERN

June 2018 – August 2018 | Santa Clara, CA

- Investigated changing data format for append only columnar data in greenplum to parquet file format, yielding significant ingestion speedup and decreasing resource consumption
- Assembled query benchmark for different uses in the application, and found different solutions for slow query performance giving rest of the team confidence to move forward with full implementation

BROWN DATA GROUP | RESEARCH AND TEACHING ASSISTANT

Aug 2016 – Dec 2018 | Providence, RI

- Graduate teaching assistant responsible for designing problem sets and projects for Database Management Systems
- Explored different storage formats for time series databases.

1010DATA | SOFTWARE ENGINEERING INTERN

June 2015 – Aug 2015 | New York, NY

- Refactored java SDKs, adding significant improvement on readability, performance and general usability

SKILLS

PROGRAMMING

4+ years:
SQL • Java • Scala • Python
1+ years:
Golang • C • C++

TECHNOLOGY

Git/Github • Linux
Jira • Kafka • AI Tooling
pSql • greenplum

OTHER EXPERIENCE

PCT | THROUGH HIKER

Apr 2025 - Sept 2025 | Mx -> US -> Ca
• Planned and Hiked 2655 miles on the pacific crest trail fulfilling a life long goal

NOLS | STUDENT

Jun 2012, July 2015 | AK & WA, USA
• Participated in two leadership courses used to train leadership skills in high risk environment, yielding effective communication, driving initiatives, and understanding building effective teams

EDUCATION

BROWN UNIVERSITY

MASTERS OF SCIENCE IN COMPUTER SCIENCE
Dec 2018 | Providence, RI
ACTIVITIES
Curator and Coordinator : Discover a Conversation between Art and Science, Recruitment Tzar (2 Years)

LEHIGH UNIVERSITY

BS COMPUTER ENGINEERING
BS IDEAS CONCENTRATION
ECONOMICS
June 2016 | Bethlehem, PA
ACTIVITIES :
IT Consultant, Tutor, Phi Sigma Kappa Scholarship Chair, Alpha Phi Omega Community Service Chair

LINKS

LinkedIn: [eric-h-metcalf](#)
Personal Website:
[eric-metcalf.github.io/](#)