# AEVA BLACK

*An open source technology leader, known for cutting through complexity with precision & articulation*

## Current Commitments

### Open Source Hacker
*Azure Office of the CTO, OSS Ecosystems*
- leading open source strategy for software supply chain security and Code of Conduct
- representing Microsoft to open source foundations, including CNCF, CCC, & OpenSSF
- aligning lateral teams on strategic goals around security, privacy, and governance
- frequently speaking at conferences and on podcasts

### Member, Board of Directors, *Open Source Initiative*

### Alternate, Board of Directors, *Cloud Native Computing Foundation*

## Employment History

### *Open Source Program Manager*      *2019 - 2021*
*Azure Confidential Computing, Microsoft*      *remote*
- led or advised on the release of several new open source projects
- represented Microsoft in the Confidential Computing Consortium, wherein I governance and policy, and established new programs to support long-term goals
- produced educational and outreach content, e.g.. whitepapers and analyst briefings

### Consultant      *2018 - 2019*
*Independent Consulting*      *remote*
- audited companies' cloud products for security compliance
- provided security and scalability consulting and training
- developed machine learning pipeline for a green geospatial startup

### VP Engineering      *2016 - 2018*
*Ormuco*      *Seattle & Montreal*
- responsible for engineering execution of 35 person department across 4 countries
- opened first US office, led key hires, and grew US team to 15 people in first year
- pivoted to "converged cloud" strategy, enabling access to new market segments
- reduced fulfillment time by 70% through improvements in process & automation

### Senior Advisory Engineer / BareMetal Cloud      *2016*
*IBM Cloud*      *remote*
- defined roadmap for the modernization of SoftLayer's aging cloud infrastructure
- *note:* a re-org within Softlayer's management ended this project suddenly
- internal and external education and evangelism of IBM's open source cloud projects

### Master Engineer      *2012 - 2015*
*HP Cloud*      *Seattle & remote*
- became HP's subject matter expert on bare metal cloud products
- coordinated product releases across teams to align with community priorities
- implemented python framework to enable multi-vendor data center automation
- provided internal training and onboarding at sites around the world
- assisted in presales as needed to close top-tier deals

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**competencies**

OSS Strategy & Governance
OSS Community Growth
Hardware Security
Bare Metal
BMCs & TEEs
Data Privacy & Policy

**public content**

*a list of recent talk recordings and other public appearances can be found here:*
https://aeva.online/media/

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## __Employment History__ (continued)

### Founder & Project Technical Lead
*2013 – 2016*

*OpenStack Ironic* — *remote*

> *"Ironic is an open source project which automates large-scale hardware infrastructure management through a cloud-native RESTful API"*

- led all aspects of the open source project - from prototype through GA release
- represented the community in presentations around the world
- brought competitors to the table by balancing priorities and finding common goals
- built thriving global network of developers, operators, and system integrators by organizing miniconfs, meetups, and local workshops
- ensured succession plan was in place before stepping down to run a startup

### Sr MySQL Consultant
*2009 - 2012*

*Percona* — *remote*

- provided expertise in replication, scale-out, disaster recovery, and SQL performance tuning in response to growth and unforeseen situations to 100's of remote and on-site customers

### Sr MySQL DBA
*2004 - 2009*

*Hydra Media, LLC* — *Los Angeles & remote*

- built zero-downtime, scale-out data infrastructure that powered a $100MM "pay-per-action" AdTech start-up competing with DoubleClick

### MySQL DBA
*2003 - 2004*

*NeoPets* — *Los Angeles*

- saved $2MM by deploying mysql-ndb cluster to replace Oracle solution
- reduced database incident response time by building monitoring & automation framework

### Lead UX Developer
*1999 - 2001*

*Static, Inc* — *Santa Monica*

- designed early dynamic content delivery and peer-to-peer networking services
- grew and led team of developers, and released market-first dynamic game tracking client
- contributed to launch of "Aliens Vs Predator: Gold Edition" multiplayer success

## __Volunteer Experience__

### Code of Conduct Committee, *Kubernetes*
*2019 - 2021*

Created safer online and in-person spaces for a globally diverse contributor base by guiding policy and governance decisions, addressing sensitive personnel matters, and providing training to other community leaders, to support the hottest project in the Cloud Native Computing Foundation.

### Board of Directors, *Consent Academy*
*2016 - 2020*

Advised this Seattle-based 501c(3) non-profit which advocates for consent culture.

### Technical Committee, *OpenStack*
*2014 - 2015*

Set policy for world's then-fastest-growing open source cloud project, and provided architectural and strategic reviews for incubating projects.

## __education__

**UC Santa Barbara**
*1996 – 1999 & 2001 – 2003*

- *majors in Physics, Computer Science, and East Asian Religious Studies*
- *minors in German and Chinese languages*

**Camarillo High School**
*1994 – 1996*

*recruited by UCSB during 2nd year - no HS diploma*