

# AEVA BLACK

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

## Current Commitments

### **Open Source Program Manager**

*Azure Confidential Computing, Microsoft*

2019 - present

remote

- defined strategy for, and led execution of, multiple open source projects within Azure
- represented Microsoft in the Confidential Computing Consortium, advised on open source governance and policy, and established new programs to support long-term goals
- produced educational and outreach content, e.g.. white papers and analyst briefings

### **Member, Code of Conduct Committee**

*Kubernetes*

2019 – present

remote

- 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

### **Member, Board of Directors**

*Consent Academy*

2016 - present

Seattle

- advisory position on a 501c(3) non-profit which advocates for consent culture

## Employment History

### **Cloud Consultant**

*Independent Consulting*

2018 – 2019

remote

- audited companies' cloud products for security compliance
- provided security and scalability consulting and training
- developed machine learning pipeline for a green geospatial startup

### **Sr Staff Research Engineer**

*Samsung Research / Open Source Group*

October 2018

remote

- advisory position to internal teams regarding cloud architecture and strategy
- *note:* Samsung unexpectedly closed the entire Open Source Group one month after start

### **VP Engineering**

*Ormuco*

2016 - 2018

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 key markets
- reduced fulfillment time by 70% through improvements in process & automation

### **Senior Advisory Engineer / BareMetal Cloud**

*IBM Cloud*

2016

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

### **Member, Technical Committee**

*OpenStack*

2014 - 2015

remote

- provided technical & architectural guidance to OpenStack projects
- set policy affecting the world's fastest-growing open source cloud project
- provided neutral representation of the interests of diverse hardware vendors

## contact me

pronouns: they/them

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## competencies

- open source strategy, governance, licensing, and community management
- data privacy policy
- bare metal cloud automation
- distributed systems design
- hardware security
- public speaking

## specific technologies

C/C++, Python, Perl, PHP, Bash, MySQL, Docker, Kubernetes, Ansible, Git, &more

## recent public talks

*a list of recent appearances is available here:*

<https://aeva.online/media/>

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## **Employment History (continued)**

### **Founder & Project Technical Lead**

*OpenStack Ironic*

2013 – 2016

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

### **Master Engineer**

*HP Cloud*

2012 - 2015

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

### **Sr MySQL Consultant**

*Percona*

2009 - 2012

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**

*Hydra Media, LLC*

2004 - 2009

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**

*NeoPets*

2003 - 2004

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**

*Static, Inc*

1999 - 2001

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

## **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

*tested into UCSB (SAT: 1420) during 2<sup>nd</sup> year*