

Sean Smith

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swwsmith.cc

650-315-8040

EDUCATION

Boston University, Boston, MA

Bachelor of Arts, Computer Science 2017

Masters of Science, Computer Science 2017

Combined BA/MS Program, completed in 4 years

Graduation Speaker, CS Department

EXPERIENCE

Sr. Gen AI Solution Architect Amazon October 2023-Present
Seattle, WA

- Helped launch and onboard strategic customers to SageMaker Hyperpod, the fastest growing AI/ML service at AWS. Built out a workshop that became the standard onboarding material.
- Contributed code examples such as NeMo Megatron, Stable Diffusion and Megatron-LM to our Github repo.
- Built out ML Workshops, a guide on how to train foundational models on AWS using Slurm, Lustre and ParallelCluster.

Sr. HPC Solution Architect Amazon April 2022-October 2023
Seattle, WA

- Built out ParallelCluster Manager, a web UI for AWS ParallelCluster
- Gave a talk at re:Invent, The Future of Computational Fluid Dynamics
- Initiated and developed strategic customer relationships.

HPC Solution Architect Amazon April 2020-April 2022
Seattle, WA

- Built No-Tears-Cluster, then followed on with Cluster Creator

Software Development Engineer II Amazon November 2018-April 2020
Seattle, WA

- Built AWS ParallelCluster from scratch and launched at SuperComputing 2019

Software Development Engineer Amazon September 2017-November 2018
Seattle, WA

Internships June 2014-August 2016

- Amazon, Summer 2016
- AthenaHealth, Summer 2015
- ActivePrime, Summer 2014

Professional Accomplishments

- Speaker Session at AWS NYC Summit 2024, AIM 309 "Train and tune foundation models at scale with Amazon SageMaker"
- Chalk talk at re:Invent 2023, CMP 326 "Design, engineering and simulation on AWS using HPC and virtual desktops"
- Chalk talk at re:Invent 2022, CMP 402 "A day in the life of a cloud-empowered aerodynamics engineer"
- Chalk talk at re:Invent 2021, CMP 405 "The future of Computation Fluid Dynamics in the Cloud"

PERSONAL PROJECTS

- The Fifty Project: In September 2022, my Fiance and I set out to fly our Mooney to all 50 US States in order to raise money for Angel Flight
- Published Paper in Passive and Active Measuring Conference 2018: The Unintended Consequences of Email Spam Prevention
- Sea Rover: A 14-foot autonomous boat build to navigate the ocean. Completed open ocean testing successfully June 2016

ADDITIONAL INFORMATION

- Eagle Scout
- Commercial Pilot, ASEL, AMEL, ASES, CFI, CFII