

Sean Smith
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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

Principal Solution Architect	Contextual AI	Jan 2025 - Present
Sr. Gen AI Solution Architect	Amazon Seattle, WA	October 2023-Jan 2025

- 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 Seattle, WA	April 2022-October 2023
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- 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 Seattle, WA	April 2020-April 2022
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- Built No-Tears-Cluster, then followed on with Cluster Creator

Software Development Engineer II	Amazon Seattle, WA	November 2018-April 2020
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- Built AWS ParallelCluster from scratch and launched at SuperComputing 2019

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

- Speaker Session at AWS NYC Summit 2024, AIM 309 "Train and tune foundation models at scale with Amazon SageMaker"
- Builder session at re:Invent 2024, CMP 324 "Train Foundational Models at scale with SageMaker Hyperpod"
- 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, Flight Instructor, Multi-Engine pilot