

# Connor Zanin

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## CONTACT INFORMATION

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Website: <https://connorzanin.com>

## EDUCATION

**Northeastern University**, Boston, MA

*Master of Science in Computer Science*

**May 2020**

- Advisors: Alan Mislove, Cristina Nita-Rotaru

**University of Delaware**, Newark, DE

*B.S. in Computer Science*

**May 2016**

- Thesis: *Capturing the Mapreduce Performance Landscape*

## PROFESSIONAL EXPERIENCE

**Amazon**

**October 2021 – July 2023**

**Software Development Engineer**

- Built and maintained data pipeline systems relevant to advertising attribution
- Designed performance improvements for a mission critical, high volume service
- Built a load testing tool to improve load testing capability from thousands to millions of TPM
- Investigated/triaged operational issues as on-call
- Tech stacks - AWS (various services), CDK (IAAS), Java, Javascript, Golang

**Newstore, Inc.**, Boston, MA

**August 2020 – September 2021**

**Software Engineer - Full stack**

- Built and maintained core app services for an e-commerce/POS platform
- Lead full stack feature development of order notes
- Provided on-call support for customers and other teams
- Tech stacks: Gitlab CI/CD, Flux, Kubernetes, Golang, Python

**Northeastern University**, Boston, MA

**September 2016 – May 2020**

**Computer Science Research Assistant**

- *PicoJump*: A system for process migration. Enables transparent use of distributed hardware resources. Presents the first distributed live migration algorithm.

**Global Computing Laboratory**, Newark, DE

**May 2015 – May 2016**

**Computer Science Research Assistant**

- *HYPPPO*: Developed a hybrid ML approach for tuning the configuration parameters of a popular MapReduce tool, Apache Spark

**EM Photonics**, Newark, DE

**September 2014 – May 2015**

**Software Engineering Intern**

- *Software development*: Developed features and fixed bugs for a video processing application.
- Contributed to a mature C++/Boost code base
- Automated developer environment deployment

**Nasdaq OMX**, Marlborough, MA

**June 2014 – August 2014**

**QA Software Engineering Intern**

- *Performance testing automation*: Developed testing framework and reporting for performance evaluation of a web application with Java and Apache JMeter

**Lattice Engines**, Boston, MA

**June 2013 – August 2013**

**QA Software Engineering Intern**

- *Automated unit testing*: Developed an automated testing framework for a web application with C# and Selenium

## SKILLS

**Programming Languages:** Golang, Python, Java, Javascript, C, C++, C#

**Technologies:** git, Kubernetes, Docker/Containers, Spark, AWS, Gitlab

**Operating Systems:** Linux, Windows, Mac