

## EDUCATION

**Boston University, Boston**  
*M.S. Computer Science, 3.86*  
*B.A. Computer Science, 3.65*

**September 2021 - May 2025**

**Boston Latin School, Boston**

**September 2016 - June 2021**PROFESSIONAL  
EXPERIENCE

**ProDex Labs**  
*Founding Engineer*

**May 2025 - October 2025**  
Brooklyn, NY

Lived and worked in startup hacker house optimizing factories with AI-driven Monte Carlo simulations.

- Migrated a single-container system to a serverless microservices architecture capable of running thousands of parallel simulations.
- Built CI/CD Terraform pipelines to deploy into GCP and Azure client VPCs.
- Designed a factory-as-circuits visualization UI using a color scheme inspired by the NYC MTA.

**Red Hat**

**Red Hat**  
*Cloud Engineering Intern*

**September 2023 - July 2024**  
Boston, MA

Work-study internship with Red Hat Collaboratory.

- Worked with Dr. Orran Krieger (head of the Mass Open Cloud) to dynamically link Redis into the Linux kernel, improving throughput by 22%.
- Implemented a serverless OpenShift proxy for Gradescope to autograde code on the Mass Open Cloud, saving professors hours of manual grading time.
- Reduced container build times for the Open Education Project by 70% using Python Mamba and GitHub Actions caching.



**Boston University**  
*Teaching Assistant*

**September 2022 - May 2025**  
Boston, MA

Taught 2 semesters of Combinatorics (CS 131) and 5 semesters of Algorithms (CS 330).

- Wrote LaTeX problem sets, exam questions, and grading materials; proctored exams.
- Led weekly office hours and lab sessions.

## PUBLICATIONS

R. Mikulskis, P. West, R. Syed, and R. West. **“RT-DDS: A Real-Time Data Distribution Service for Task Pipeline Processing”**. Manuscript in preparation.

- Built a C-based software dataflow framework for dispatching service pipelines with hard real-time guarantees across Linux and the Quest RTOS.

## PROJECTS

**Bits of CS** *bitsofcs.com*

Published a free online computer science textbook and founded an educational non-profit with a grant from Boston University.

**SubsVocab** *github.com/rkulskis/subsvocab*

Built a Rust command-line utility for extracting Netflix subtitles and generating Spanish-to-English vocabulary lists sorted by first appearance in the script.

## LINKS

**GitHub:** [github.com/rkulskis](https://github.com/rkulskis)

**LinkedIn:** [linkedin.com/in/rkulskis](https://linkedin.com/in/rkulskis)

**Personal Site:** [rkulskis.github.io](https://rkulskis.github.io)