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<b>EDUCATION</b>	<b>Boston University, Boston</b> <i>M.S. Computer Science, 3.86</i> <i>B.A. Computer Science, 3.65</i>	<b>September 2021 - May 2025</b>
	<b>Boston Latin School, Boston</b>	<b>September 2016 - June 2021</b>

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<b>PROFESSIONAL EXPERIENCE</b>	<b>ProDex Labs</b> <i>Founding Engineer</i>	<b>May 2025 - October 2025</b> Brooklyn, NY
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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.



<b>Red Hat</b> <i>Cloud Engineering Intern</i>	<b>September 2023 - July 2024</b> Boston, MA
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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.



<b>Boston University</b> <i>Teaching Assistant</i>	<b>September 2022 - May 2025</b> Boston, MA
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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.

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<b>PUBLICATIONS</b>	R. Mikulskis, P. West, R. Syed, and R. West. “ <b>RT-DDS: A Real-Time Data Distribution Service for Task Pipeline Processing</b> ”. Manuscript in preparation.
	<ul style="list-style-type: none"> <li>• Built a C-based software dataflow framework for dispatching service pipelines with hard real-time guarantees across Linux and the Quest RTOS.</li> </ul>

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<b>PROJECTS</b>	<b>Bits of CS</b> <a href="https://bitsofcs.com">bitsofcs.com</a>
	Published a free online computer science textbook and founded an educational non-profit with a grant from Boston University.
	<b>SubsVocab</b> <a href="https://github.com/rkulskis/subsvocab">github.com/rkulskis/subsvocab</a>
	Built a Rust command-line utility for extracting Netflix subtitles and generating Spanish-to-English vocabulary lists sorted by first appearance in the script.

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<b>LINKS</b>	<b>GitHub:</b> <a href="https://github.com/rkulskis">github.com/rkulskis</a>
	<b>LinkedIn:</b> <a href="https://linkedin.com/in/rkulskis">linkedin.com/in/rkulskis</a>
	<b>Personal Site:</b> <a href="https://rkulskis.github.io">rkulskis.github.io</a>