

# Jack Doughty

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## EDUCATION

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<b>University of Washington</b> Master of Science: Applied and Computational Mathematics	<b>2022-2023</b>
<b>College of Wooster</b> Bachelor of Science: Mathematics (Focus: Data Science)	<b>2019-2022</b>

## EXPERIENCE

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<b>Queue Manager</b> Scale AI	<b>2024 - 2025</b>
<ul style="list-style-type: none"><li>■ Co-led development and execution of \$10M+ data and research pipelines across multiple initiatives.</li><li>■ Managed large-scale data annotation workflows, audits, and queues across multiple generative AI projects with shifting priorities.</li><li>■ Owned the end-to-end quality lifecycle for NLP, math, and image-based data pipelines.</li><li>■ Liaised between product managers, engineers, and contractors to ensure quality metrics were met across sprint cycles.</li><li>■ Created, designed, and delivered onboarding materials and best practice webinars to thousands of contributors across the globe.</li></ul>	
<b>Data Analyst</b> Hanson Consulting Group / Microsoft Xbox Business Intelligence Team	<b>2023 - 2024</b>
<ul style="list-style-type: none"><li>■ Executed SQL queries and supported analytical deep-dives for operational stakeholders.</li><li>■ Oversaw expansive metadata catalogs; extracted and interpreted structured data to enhance internal analytics initiatives.</li><li>■ Maintained SLAs and delivered high-impact insights through reporting and visualization.</li></ul>	

## VOLUNTEERING

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<b>Analytics Administrator</b> CTGP Revolution	<b>2022 - Present</b>
<ul style="list-style-type: none"><li>■ Moderated and organized forums for software feedback, creating and analyzing public data sets.</li><li>■ Leveraged community data to drive product updates and balance decisions in a 7,000+ player base.</li><li>■ Built heuristic models using race popularity, play rate, and poll data to support data-driven content decisions.</li><li>■ Advocated for product adjustments using evidence-based documentation.</li><li>■ Contributed to a 25% increase in play rate through new race track evaluations.</li></ul>	

## TECHNICAL SKILLS

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**Programming Languages:** Python, SQL, R  
**Data Visualization:** Tableau, Excel, D3.js  
**Mathematics:** Linear Algebra, PDEs/ODEs, Multivariate Calculus, Number Theory, Game Theory  
**Soft Skills:** Communication and Collaboration, Logic and Decision Making, Time Management