

John Smith

U.S. Citizen

Computer Science PhD Student
Stanford University

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TECHNICAL SKILLS	<ul style="list-style-type: none">• Programming Languages: Python, C/C++, Java, Rust• Frameworks & Libraries: PyTorch, TensorFlow, JAX, Hugging Face, scikit-learn• Development & DevOps Tools: Docker, Kubernetes, CI/CD, Git/GitHub• Cloud & Infrastructure: AWS, GCP, SLURM cluster management• Languages: English (Native), Spanish (Conversational)	
EDUCATION	<div>Stanford University 2022-2027</div> <div>Ph.D. in Computer Science</div> <ul style="list-style-type: none">• GPA: 4.0/4.0• Advisor: Dr. Alice Johnson• Knight-Hennessy Scholar <div>University of California, Berkeley 2018-2022</div> <div>Honors Bachelor of Science in Computer Science</div> <div><i>Minor in Mathematics</i></div> <div><i>Minor in Statistics</i></div> <ul style="list-style-type: none">• GPA: 3.9/4.0 Summa Cum Laude• Regents' and Chancellor's Scholar• Dean's Honor List (all semesters)	
WORK EXPERIENCE	<div>Research Intern Applied AI Research Group</div> <div>Microsoft Research</div> <ul style="list-style-type: none">• Investigated few-shot learning techniques for code generation• Contributed to an internal tool for automated code review using transformer models• Collaborated with a team of 5 researchers on a publication submitted to NeurIPS <div>Graduate Research Assistant Reliable AI Lab</div> <div>Stanford University</div> <ul style="list-style-type: none">• Advised by Dr. Alice Johnson• Developed novel methods for uncertainty quantification in large language models• Designed scalable training pipelines for distributed model fine-tuning• Published and presented research at top ML and NLP conferences	<div>May 2021 - August 2021</div> <div>Redmond, WA</div> <div>August 2022 - Present</div> <div>Stanford, CA</div>
SELECTED PUBLICATIONS	<div>J. Smith, R. Patel, and A. Johnson, "Calibrated Uncertainty Estimation for Large Language Models via Conformal Prediction." <i>2024 International Conference on Machine Learning (ICML)</i></div> <div>J. Smith, L. Wang, and D. Garcia, "Scaling Laws for Few-Shot Code Generation with Retrieval-Augmented Transformers." <i>2023 Conference on Neural Information Processing Systems (NeurIPS)</i></div>	
HONORS AND AWARDS	<div>Knight-Hennessy Scholarship at Stanford University</div> <div>Full-ride scholarship for graduate students demonstrating leadership and civic commitment</div> <div>Best Paper Award at ICML Workshop on Reliable ML</div> <div>Recognized for novel contributions to uncertainty quantification in language models</div>	<div>August 2022</div> <div>July 2024</div>