Jordan Blake

Associate Professor in Computer Science
School of Computer Science
Cascadia State University
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Summary / Statement

I work on distributed systems and probabilistic models for network reliability, with a focus on making large-scale simulation reproducible. I am looking for collaborations that combine systems engineering with applied statistics.

Education

Cascadia State University, Portland, USA
Ph.D., Computer Science, 2021
Dissertation: Reliability estimation for large-scale distributed systems. Advisor: Prof. Elena Marsh.

Riverside Institute of Technology, Riverside, USA
B.S. Hons, Software Engineering, 2015
GPA: 3.91/4.0

Education (Another Style)

Ph.D., Computer Science, Cascadia State University, 2021
M.S., Computer Science, Cascadia State University, 2018
B.S., Software Engineering, Riverside Institute of Technology, 2015

Education (Another Style)

Ph.D.	Computer Science	Cascadia State, Portland, USA	2021
M.S.	Computer Science	Cascadia State, Portland, USA	2018
B.S.	Software Engineering	Riverside Institute, Riverside, USA	2015

Education (Another Style)

Ph.D.	Computer Science	Cascadia State, Portland, USA	2021
M.S.	Computer Science	Cascadia State, Portland, USA	2018
B.S.	Software Engineering	Riverside Institute, Riverside, USA	2015

There are many styles above – delete the ones you don't use and keep the one you like.

Academic Employment

Cascadia State University, Portland, USA
Associate Professor, Dept. of Computer Science, 2027 -
Assistant Professor, 2021 - 2027

Riverside Institute of Technology, Riverside, USA
Postdoctoral Researcher, 2020 - 2021

Academic Employment (Another Style)

Associate Professor, Cascadia State University, Portland, USA, 2027 -
Assistant Professor, Cascadia State University, Portland, USA, 2021 - 2027
Postdoctoral Researcher, Riverside Institute of Technology, Riverside, USA, 2020 - 2021

Distinction

Best Paper Award, USENIX NSDI, 2023
Rising Star Award, Cascadia State University, 2022
Outstanding Dissertation Award, Cascadia State University, 2021

Academic Service

Associate Editor

IEEE Transactions on Dependable and Secure Computing, 2024 -

Program Co-Chair

International Workshop on Reliable Distributed Systems, 2024

Program Committee Member

ACM SIGCOMM, USENIX NSDI, IEEE INFOCOM

Professional Membership

ACM: Association for Computing Machinery
Senior Member (2023), Member (2016)
IEEE: Institute of Electrical and Electronics Engineers
Member (2016)

Publication

Refereed Journal Articles

1. Jordan Blake, Elena Marsh, Priya Anand. 2023. Reliability estimation for large-scale distributed storage under correlated failures. *ACM Transactions on Computer Systems (TOCS)*, vol. 41, no. 3, article 14, 29 pages, doi:10.1145/example

Refereed Conference Articles

2. Jordan Blake, Priya Anand, and Marcus Lee. 2022. Fast failover simulation for geo-replicated storage systems. *USENIX Symposium on Networked Systems Design and Implementation (NSDI)*, Renton, WA, pp. 210-224, doi:10.1109/example **Best Paper Award**

Invited Talk

University of Cascadia, Dept. of Computer Science, 2024
Riverside Institute of Technology, Systems Seminar, 2023

Teaching Experience

Distributed Systems Fall 2023, 2024
Instructor of Record, Cascadia State University

Introduction to Algorithms Spring 2022
Teaching Assistant, with Prof. Elena Marsh, at Cascadia State University

Industrial Experience

Northwind Systems Inc., Seattle, USA
Research Intern, Summer 2019

- Built a fault-injection framework used across three internal teams
- Reduced simulated failover time by 40% in the storage subsystem

Language

Native English
Working proficiency in Spanish

Reference

Dr. Elena Marsh, Professor and Chair, Dept. of Computer Science, Cascadia State University
(+1) 415-555-0198 `mailto:emarsh@cascadia.edu`

LaTeX CV Template: `https://github.com/Xovee/latex-cv`

August 27, 2026