
UNC Department of Computer Science Doctoral Hooding Ceremony



COLLEGE OF ARTS AND SCIENCES
Computer Science

UNC Department of Computer Science

Zishun Feng

“Fusing Multiple Information Sources for Predictive Cardiac Modeling”

Advised by Ashok Krishnamurthy

Andrew Freeman

“Rethinking Video with a Universal Event-Based Representation”

Advised by Ketan Mayer-Patel and Montek Singh

Inbar Fried

“Towards Robot Autonomy In Medical Procedures Via Visual Localization And Motion Planning”

Advised by Ron Alterovitz

Bineet Ghosh

“Design and Verification of Autonomous Systems in the Presence of Uncertainties”

Advised by Sridhar Duggirala

Sayan Ghosh

“Building Teachable AI from Demonstrations, Explanations, and Interactions”

Advised by Shashank Srivastava

Peter Hase

“Interpretable and Controllable Language Models”

Advised by Mohit Bansal

Janine Hoelscher

“Multi-Stage Motion Planning for Medical Steerable Needle Robots”

Advised by Ron Alterovitz

Kedrian James

“Improving the Software Security Triaging and Remediation Processes using Hybrid Techniques along with Human-Readable Diagnoses”

Advised by Fabian Monrose

Yichen Jiang

“Interpreting and Inducing Compositionality in Neural NLP Models”

Advised by Mohit Bansal

Kathryn Kirchoff

“Learning Improved Representations Through Informed Self-Supervision: Applications To Drug Discovery”

Advised by Shawn Gomez

Youngjoong Kwon

“Modeling Efficient Deep Representation for Human Digitization with Affordable Setup”

Advised by Henry Fuchs

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Peirong Liu

“Perfusion Imaging via Mass Transport”

Advised by Marc Niethammer

Adyasha Maharana

“Data Selection for Generalization in Unimodal and Multimodal Models”

Advised by Mohit Bansal

Sims Osborne

“Using Simultaneous Multithreading to Support Real-Time Scheduling”

Advised by James Anderson

Swarnadeep Saha

“Interpretable, Modular, and Structured Multi-step Reasoning over Natural Language”

Advised by Mohit Bansal

Thanh Minh Vu

“Toward Efficient and Robust Computer Vision for Large-Scale Edge Applications”

Advised by Jan-Michael Frahm

Haidong Yi

“Set-based Modeling and Applications in Single-cell Bioinformatics”

Advised by Natalie Stanley

Shiyue Zhang

“Towards Reliable and Inclusive Natural Language Generation”

Advised by Mohit Bansal

Yubo Zhang

“Computer Vision Aiding Colonoscopy”

Advised by Stephen Pizer and Jan-Michael Frahm

Chao Zhao

“Text Summarization Under Low Supervision”

Advised by Snigdha Chaturvedi

Xiang Zhou

“Towards Reliable and Generalizable Natural Language Understanding”

Advised by Mohit Bansal



Thank you for joining the Department of Computer Science as we celebrate our doctoral program graduates and welcome them into the ancient and universal company of scholars.

The department congratulates and sends best wishes to all of our doctoral graduates from the past year, including those who could not join us for today's ceremony.

We invite you to join us again for the department-wide Commencement Ceremony recognizing all degree earners, tomorrow at 2:00 p.m. in the Dean E. Smith Center.

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