

Dylan Rowe

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Current Positions

2022-Present

Student Researcher

Assistant Professor Albert Chern
Center for Visual Computing
UC San Diego
La Jolla, CA

2022-Present

Student Researcher

Associate Professor Nadia Heninger
Computer Science and Engineering
UC San Diego
La Jolla, CA

Education

2021-2023 (intended)

M.S. in Computer Science and Engineering

University of California San Diego, La Jolla, CA
Cumulative GPA 4.0

2016-2020

B.A. in Computer Science and Applied Mathematics

University of California Berkeley, Berkeley, CA
Cumulative GPA 3.763

Publications / Research

Current Projects

Unsubmitted Geometry Research (Computational Geometric Measure Theory)

2021-Present

Submitted for Publication

Rowe, D., Breitner, J., Heninger, N.: *Short Paper: The curious case of the half-half Bitcoin ECDSA Nonces*. Submitted to FC'23.

Teaching Experience

Instructional Assistant (TA), Department of Computer Science and Engineering, UC San Diego

Winter 2023 CSE 274: Discrete Differential Geometry (Instructor: Albert Chern)

Fall 2022 CSE 167: Introduction to Computer Graphics (Instructor: Albert Chern)

Winter 2022 CSE 101: Design and Analysis of Algorithms (Instructor: Daniel Kane)

Fall 2021 CSE 167: Introduction to Computer Graphics (Instructor: Albert Chern)

Relevant Coursework

CSE 274: Discrete Differential Geometry

Math 290A: [Algebraic] Topology

CSE 252A, B: Computer Vision 1, 2

CSE 252D: Advanced Computer Vision

CSE 274: Sampling and Reconstruction of Visual Appearance: From Denoising to View Synthesis

DSC 291: Topological Data Analysis

CSE 290: Seminar (Pixel Cafe)

Technical Skills

Programming Languages: C++, Python, Houdini, Blender, Matlab, GLSL, C, Java, Scheme, SQL, HTML, CSS

Other: Adobe Creative Cloud, Microsoft Office, LaTeX