

Di Lu

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EDUCATION

University of Pennsylvania

Philadelphia, PA

School of Engineering and Applied Science

SEP 2018 - MAY 2022

- **BSE in Digital Media Design (DMD)** (Cumulative GPA: 3.43/4.00) - <http://cg.cis.upenn.edu/dmd.html>
 - DMD is an interdisciplinary Computer Science program focused on computer graphics, programming, mathematics, and design behind animation, games, VR, and interactive technologies.
- **Relevant Coursework:** Data Structures and Algorithms, Mathematical Foundations of Computer Science (Discrete Math), Programming Languages and Techniques I, Linear Algebra, 3D Modeling, Automata/Computability/Complexity

Hamden Hall Country Day School

Hamden, CT

SEP 2014 - JUN 2018

- Weighted GPA: 4.4 (4.0 Scale) Cum Laude Society
 - AP Courses: English (Language & Composition/Literature), BC Calculus, Computer Science A, World History, US History
 - Global Online Academy Course: Game Theory
 - Connecticut Southern Regionals and All State Choir: Alto, ranked no. 3 in the region
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WORK EXPERIENCE

Tutor, Mathematical Foundations of Computer Science (Discrete Math)

Philadelphia, PA

UPenn Tutoring Center

FEB 2020 - Present

- One-on-one tutoring to students who are taking discrete math, providing study tools and leading through homework and lectures, running exam prep review sessions with multiple students.
- Topics covered: proofs, counting, probability/expectation, graph theory, logic

Research Assistant, DMC Project

Philadelphia, PA

Penn Museum

SEP 2018 - MAY 2019

- Digitized archive records to be made available to the public online.
- Handled sensitive and aged record material including photographs, handwritten letters, and photo negatives of the Gordion archeological site in Ankara, Turkey.

Website Consultant

Hamden, CT

Tim Moran Woodwinds LLC

MAY 2018 - AUG 2019

- Complete overhaul of local business's website and took new photographs
- Communicated with and booked clients for the shop
- Gained experience repairing flutes and clarinets

Volunteer, Culture Companion

New Haven, CT

IRIS (Integrated Refugee and Immigration Services)

FEB 2017 - AUG 2017

- Worked closely with a relocated family and provided English/Math tutoring to the children on a weekly basis
 - Introduced family to their local resources (libraries, grocery stores, etc.)
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LEADERSHIP & PROJECT EXPERIENCE

UPGRADE (UPenn Game Research and Development Environment)

- Marketing chair, responsible for sending weekly updates for club members and organizing
 - Project leader/pixel artist of College Simulation video game, built using Unity
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ACTIVITIES

UPenn Wind Ensemble & Choral Society (2018-present)

Connecticut All State & Regional Choir (2015-2018)

National Student Leadership Conference (Game Design)

- Designed a unity-based video game within 10 days in a team of three students
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TECHNICAL SKILLS AND INTEREST

Languages (fluent): English, Mandarin

Fine Arts: Watercolor, oil paint, sketch

Programming Languages: Java, Ocaml, C

Music: flute (7+ years), vocal (4+ years)

Programs: Adobe Creative Suite, Unity 3D, VSCode