

# 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