

# HARPER LYON

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## EDUCATION

### **Tulane University**

1st Year PhD, Computer Science

New Orleans, LA

### **Union College**

BS, *summa cum laude*, Majors: Computer Science, Philosophy

Schenectady, NY  
2022

## RESEARCH EXPERIENCE

### **Tulane University**

*Research Assistant* to Professor Nicholas Mattei

New Orleans, LA  
Fall 2023 - Present

- Research incentive compatible mechanism design, develop simulations for evaluation of multi-agent scenarios.

### **Union College**

*Research Assistant* to Professor Matthew Anderson

Schenectady, NY  
2021 - 2022

- Developed practical implementations of group theoretic matrix multiplication algorithms.

## TEACHING EXPERIENCE

### **Tulane University**

*Teaching Assistant*, Introduction To Computer Science

New Orleans, LA  
Fall 2023 - Present

### **Union College**

*Teaching Assistant*, Computer Organization

Schenectady, NY  
Spring 2022

## FELLOWSHIPS AND AWARDS

Introductory Workshop: Mathematics and Computer Science of Market and Mechanism Design Attendee Grant, SLMATH UC Berkeley, 2023  
Summer Research Fellowship, Union College, 2021  
Harold A. Larrabee Prize, Union College, 2020  
Sewards Fellow, Union College, 2019

## REFERENCES

Nicholas Mattei  
Assistant Professor of Computer Science  
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