

# Cedric Vicera

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## Education

2020 - 2022 Master of Computer and Information Technology · University of Pennsylvania  
2020 B.A. (Honors) in Philosophy · University of Arizona

## Publications

### CONFERENCE ABSTRACTS

1. Analysis of Acute Respiratory Failure Patient Noninvasive Ventilation Therapy  
Essay, P., **Vicera**, C., Mosier, J., & Subbian, V.  
In *ATS International Conference*, Philadelphia, PA (2020)

### OTHER

1. Persona Identification in Tele-ICU Data of Mechanically Ventilated Patients  
*UROC Abstract Review* (2019)

## Presentations

### TALKS

August 2019 **Phenotyping of Mechanically Ventilated Patients in the ICU**  
*UROC Summer Colloquium* · University of Arizona

### POSTERS

August 2019 **Persona Identification in Tele-ICU Data of Mechanically Ventilated Patients**  
*24th Annual UROC Summer Research Conference* · University of Arizona

## Honors & Awards

2019 National Society of Leadership and Success  
2019 Magellan Circle Scholarship  
2018, 2019 H.J. and Signe Bonnevie Scholarship (2x)  
2018 Sigma Alpha Lambda  
2018 Omicron Delta Kappa  
2018 Laura and Arch Brown Scholarship  
2018 National Society of Collegiate Scholars  
2017 Wildcat Excellence Tuition Award

## Teaching

### TEACHING ASSISTANT

Spring 2020	Dealing with Data · Rich Thompson
Fall 2019	Computational Thinking and Doing · Dylan Murphy
Spring 2019	Computational Thinking and Doing · Rich Thompson
Fall 2018	Computational Thinking and Doing · Dylan Murphy

## Graduate Coursework

### *Computer Science*

Introduction to Computer Systems · Thomas Farmer  
Introduction to Software Development · Brandon Krakowsky

### *Machine Learning*

Artificial Intelligence for Health and Medicine · Vignesh Subbian  
Neural Networks · Steven Bethard

### *Philosophy*

Healthcare Ethics · Laura Howard  
Symbolic Logic · Jason Turner

## Additional Experience

2018 – 2020	<b>Computational Medicine and Informatics Collaboratory</b> PI: Vignesh Subbian
2019	<b>UROC Summer Research Institute</b> DIRECTOR: Donna Treloar