

# Cedric Vicera

vicera@seas.upenn.edu  
www.cedricvicera.com

## Education

Master of Computer and Information Technology · University of Pennsylvania (2020 - )

B.A. (Honors) in Philosophy · University of Arizona (2020)

## 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*

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

### *Posters*

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

## Honors & Awards

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

National Society of Collegiate Scholars (2018)  
Wildcat Excellence Tuition Award (2017)

## Teaching

### *Teaching Assistant*

Dealing with Data (2020) · Rich Thompson  
Computational Thinking and Doing (2019) · Dylan Murphy  
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## 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

### *Research Experience*

**Computational Medicine and Informatics Collaboratory (2018 - 2020)**  
PI: Vignesh Subbian

### *Summer Programs*

**UROC Summer Research Institute (2019)**  
DIRECTOR: Donna Treloar