

# 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*

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*

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

Magellan Circle Scholarship (2019)  
H.J. and Signe Bonnevie Scholarship (2x) (2018, 2019)  
Laura and Arch Brown Scholarship (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 · Vignesh Subbian (2018 - 2020)

### *Summer Programs*

UROC Summer Research Institute · Donna Treloar (2019)