

# Cedric Vicera

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## Education

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

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

Thesis: *The Scope of Mechanistic Explanation*

Advisor: Richard Healey

## 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 (x2) (2018, 2019)

Laura and Arch Brown Scholarship (2018)

Wildcat Excellence Tuition Award (2017)

## Teaching

### *Section Leader*

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 (In Progress) · Thomas Farmer

Introduction to Software Development (In Progress) · 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) · Vignesh Subbian

### *Summer Programs*

UROC Summer Research Institute (2019) · Donna Treloar