

# Cedric Vicera

## CONTACT

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## Education

- 2020 - 2022    **University of Pennsylvania** · Master of Computer and Information Technology
- 2020        **University of Arizona** · B.A., Philosophy (*Honors*)  
              THESIS: *The Scope of Mechanistic Explanation*  
              ADVISOR: Richard Healey

## 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

### COMPUTING

Fall 2020 Introduction to Software Development · Arvind Bhusnurmath  
Spring 2020 Artificial Intelligence for Health and Medicine · Vignesh Subbian  
Fall 2019 Neural Networks · Steven Bethard

### PHILOSOPHY

Spring 2020 Healthcare Ethics · Laura Howard  
Fall 2019 Symbolic Logic · Jason Turner

## Additional Experience

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

## References

Available upon request.