

Cedric Vicera

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Education

- 2020 - 2022 **University of Pennsylvania** · Master of Computer and Information Technology
- 2020 **University of Arizona** · B.A. (Honors) in Philosophy
 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 Computer Systems · Thomas Farmer
Fall 2020 Introduction to Software Development · Brandon Krakowsky
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