

Cedric Vicera

CONTACT

vicera@seas.upenn.edu · <https://www.cedricvicera.com>

Education

2020 - present **University of Pennsylvania** · Master of Computer and Information Technology

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

THESIS: The Scope of Mechanistic Explanation

Publications

CONFERENCE PROCEEDINGS

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 · Tucson, AZ

POSTERS

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

Honors & Awards

2019 National Society of Leadership and Success
2019 Magellan Circle Scholarship
2018, 2019 H.J. and Signe Bonnevie Scholarship (2x)

2018	First Level Honors
2018	Sigma Alpha Lambda
2018	Omicron Delta Kappa
2018	Laura and Arch Brown Scholarship
2018	National Society of Collegiate Scholars
2017 – 2020	Wildcat Excellence Tuition Award

Teaching

TEACHING ASSISTANT

Spring 2020	Dealing with Data (R. Thompson)
Fall 2019	Computational Thinking and Doing (D. Murphy)
Spring 2019	Computational Thinking and Doing (R. Thompson)
Fall 2018	Computational Thinking and Doing (D. Murphy)

Graduate Coursework

MACHINE LEARNING

Spring 2020	Artificial Intelligence for Health and Medicine (V. Subbian)
Fall 2019	Neural Networks (S. Bethard)

PHILOSOPHY

Spring 2020	Healthcare Ethics (L. Howard)
Fall 2019	Symbolic Logic (J. Turner)

Other

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

References

Available upon request.