

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

2. Analysis of Acute Respiratory Failure Patient Noninvasive Ventilation Therapy
Essay, P., Vicera, C., Mosier, J., & Subbian, V.
A40. CRITICAL CARE: FROM HFNC TO ECMO. May 1, 2020, A1579-A1579
1. Persona Identification in Tele-ICU Data of Mechanically Ventilated Patients
UROC Abstract Review (2019)

Presentations

TALKS

Aug 2019 **Phenotyping of Mechanically Ventilated Patients in the ICU**
UROC Summer Colloquium
University of Arizona · Tucson, Arizona

POSTERS

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

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.