Cedric Vicera

`vicera@seas.upenn.edu`
`www.cedricvicera.com`

Education

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

B.A. Philosophy *(Honors)* · 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.
American Journal of Respiratory and Critical Care Medicine (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 ($\times$2) (2018, 2019)

UROC Summer Research Institute Stipend (2019)

Laura and Arch Brown Scholarship (2018)

Wildcat Excellence Tuition Award (2017 – 2020)

Teaching

Section Leader · University of Arizona

Dealing with Data (2020) · Rich Thompson
Computational Thinking and Doing (2019) · Dylan Murphy
Computational Thinking and Doing (2019) · Rich Thompson
Computational Thinking and Doing (2018) · Dylan Murphy

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 *&* Andrew Huerta