

Cedric Vicera

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

Education

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

B.A. (Honors) in Philosophy · 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.

In *ATS International Conference*, Philadelphia, PA (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 (x2) (2018, 2019)

Laura and Arch Brown Scholarship (2018)

Wildcat Excellence Tuition Award (2017)

Teaching

Section Leader

Dealing with Data (2020) · Rich Thompson

Computational Thinking and Doing (2019) · Dylan Murphy

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Computational Thinking and Doing (2018) · Dylan Murphy

Graduate Coursework

Computer Science

Introduction to Computer Systems · Thomas Farmer

Introduction to Software Development · 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