Cedric Vicera

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Education

2020 - 2022   **University of Pennsylvania** · Master of Computer and Information Technology

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

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

Posters

Persona Identification in Tele-ICU Data of Mechanically Ventilated Patients
August 2019   *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