

CEDRIC VICERA

February 2022

vicera@seas.upenn.edu

www.cedricvicera.com

EDUCATION

University of Pennsylvania Expected 2023
Master of Computer and Information Technology

University of Arizona 2020
B. A. in Philosophy (with Honors)

EXPERIENCE

CVS Health Summer 2022
Data Science Intern
Team: Analytics & Behavior Change

Computational Social Science Lab Winter 2022
Research Assistant
PI: Duncan Watts
Task implementation for high-throughput experiments on group dynamics

St. Jude Children's Research Hospital Summer 2021
Biostatistics Research Intern
PI: Li Tang
Gut microbiome analysis of ALL patients for obesity status using mixed-effects modeling

Computational Medicine and Informatics Collaboratory 2018 – 2020
Research Assistant
PI: Vignesh Subbian
Cohort discovery via tele-ICU systems to develop critical care patient personas

PUBLICATIONS

CONFERENCE PROCEEDINGS

Analysis of Acute Respiratory Failure Patient Noninvasive Ventilation Therapy 2020
Patrick Essay, **Cedric Vicera**, Jarrod Mosier, Vignesh Subbian
American Thoracic Society International Conference

ABSTRACTS

Persona Identification in Tele-ICU Data of Mechanically Ventilated Patients <i>UROC Abstract Review</i>	2019
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PRESENTATIONS

INVITED

The Effect of the Gut Microbiome on Obesity in Survivors of Childhood Cancer POE Lunch & Learn Series · St. Jude Children's Research Hospital	July 2021
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Phenotyping of Mechanically Ventilated Patients in the ICU UROC Summer Colloquium · University of Arizona	August 2019
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POSTERS

Persona Identification in Tele-ICU Data of Mechanically Ventilated Patients UROC Research Conference · University of Arizona	August 2019
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TEACHING

University of Pennsylvania · Teaching Assistant	
Introduction to Software Development (Brandon Krakowsky)	Spring 2022
Introduction to Software Development (Brandon Krakowsky)	Fall 2021
Introduction to Software Development (Brandon Krakowsky)	Spring 2021
University of Arizona · Head Section Leader	
Computational Thinking and Doing (Dylan Murphy)	Fall 2019
University of Arizona · Section Leader	
Dealing with Data (Rich Thompson)	Spring 2020
Computational Thinking and Doing (Rich Thompson)	Spring 2019
Computational Thinking and Doing (Dylan Murphy)	Fall 2018

AWARDS

Research Fellowships	
UROC Summer Research Institute	2019
Scholarships	
Magellan Circle Scholarship	2019
H.J. & Signe Bonnevie Scholarship (2x)	2018, 2019
Laura and Arch Brown Scholarship	2018

REFERENCES

Li Tang
Associate Member
St. Jude Children's Research Hospital
li.tang@stjude.org

Vignesh Subbian
Assistant Professor
University of Arizona
vsubbian@arizona.edu

Brandon Krakowsky
Research & Education Director
University of Pennsylvania
lbrandon@wharton.upenn.edu