

Luca George Wrabetz

github.com/lucawrabetz

I Research Interests

Integer Programming, Graph Interdiction, Applied Network Optimization.

II Education

University at Buffalo | Buffalo, NY May 2020
M.S. in Industrial Engineering/Operations Research

University at Buffalo | Buffalo, NY September 2019
B.S. in Industrial Engineering, Biomedical Engineering

III Coursework

1 Graduate

Network Optimization | *Currently Enrolled*
Non-Linear Programming | *Currently Enrolled*
Stochastic Processes | *Currently Enrolled*
Decision Analysis | *Currently Enrolled*
Discrete Optimization | A
Linear Programming | A

2 Undergraduate

Biomedical Engineering Special Topics; Machine Learning | A
Biomedical Instrumentation | A-
Microtechnology & Nanotechnology | A-
Statistics | A
Facility Design & Material Handling | A
Systems Modeling & Optimization 2 | A
Systems Modeling & Optimization 1 | A-

IV Experience

Sentient Science | Buffalo, NY January - May 2020
Predictive Analytics Intern

Fresenius Kabi USA | Grand Island, NY June - December 2018
Manufacturing Engineer Intern

Gelesis Inc. | Lecce, Italy July - August 2016
R&D Laboratory Intern

V Awards

1 Competitions

INFORMS Annual Meeting Poster Competition | 3rd Place Award October 2019

2 Academic Awards

University at Buffalo | Dean's List
University at Buffalo | Provost Merit Scholarship

Fall 2017, Spring 2018
August 2014

VI Papers

Minimum Cost Set-Cover Blocker
Luca G. Wrabetz, Jose L. Walteros

In Preparation

Free-Floating Stations in Bike-Sharing Systems
Rahul Swamy, Jose L. Walteros, Luca G. Wrabetz

In Preparation