

Patrick O'Reilly

(773)-849-7566 | 1225 Princeton Place, Wilmette, IL 60091 | patrickoreilly175@gmail.com

EDUCATION

Northwestern University Doctoral Student in Computer Science	Evanston, IL 2020-Present
University of Illinois at Chicago M.S. in Computer Science. GPA: 4.0/4.0	Chicago, IL 2018-2020
Carleton College B.A. in Mathematics and Music, Magna Cum Laude. GPA: 3.91/4.0	Northfield, MN 2013-2017

AWARDS

Northwestern Data Science Fellowship	2020
Northwestern Cognitive Science Incoming Graduate Fellowship	2020
Phi Beta Kappa	2017
Honors in Music Performance	2017
Distinction in Comprehensive Exercise in Music	2017

EXPERIENCE

Caterpillar 'CAT Lab' at UIC Innovation Center <i>Researcher</i> <ul style="list-style-type: none">· Led machine learning research on two projects in sensor data classification· Performed data acquisition, cleaning, and visualization· Worked with engineers and Caterpillar management to build and deploy a software product on proprietary hardware	Chicago, IL 2019 – 2020
Lake Forest College <i>Adjunct Faculty</i> <ul style="list-style-type: none">· Computer Science I (CSCI 112)	Lake Forest, IL Spring 2020
UIC Department of Computer Science <i>Graduate Teaching Assistant</i> <ul style="list-style-type: none">· Software Engineering (CS 440)	Chicago, IL Fall 2020
Carleton College Department of Mathematics <i>Research Assistant</i> <ul style="list-style-type: none">· Partnered with CyberOptics corporation (Minneapolis) to explore 3D-imaging methods for circuit board assembly· Researched shape-recognition algorithms and curve invariants	Northfield, MN Summer 2016