

# Katherine Cottrell

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## Contact Information

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## Education

- ❖ Duke University class of 2021, intended BS in Computer Science
- ❖ Largo High School International Baccalaureate class of 2017

## Honors and Awards

- ❖ Bridges Linz Art Conference.....2019
- ❖ Duke University Provost Scholar Class of 2021.....2017
- ❖ National Merit Commended Scholar Award.....2016
- ❖ National Hispanic Recognition Program Award.....2016
- ❖ MIT Women's Technology Program.....2016

## Technical Education and Skills

- ❖ EGR 103 Computational Methods in Engineering (MATLAB)
- ❖ ECE 110 Fundamentals of Electrical and Computer Engineering (circuitry, robotics)
- ❖ CS 201 Data Structures and Algorithms (Java)
- ❖ CS 216 Everything Data (Python, Pandas)
- ❖ CS 316 Intro to Database Systems (SQL)
- ❖ CS 342 Information and the Internet (domestic and international policy)
- ❖ ECE/CS 250 Computer Architecture (C programming language)
- ❖ VMS 366 Data Visualization (Google OpenRefine, Excel, R, Tableau)
- ❖ MATH 111, 112 Laboratory Calculus I and II
- ❖ MATH 218 Matrices & Vector Spaces (Python, NumPy)
- ❖ STAT 111 Probability and Statistical Inference (Stata)
- ❖ POE 190 Machine Learning Methods and Practice (TensorFlow, optical character recognition)
- ❖ InfiniaML Machine Learning Bootcamp for Software Developers, Intro to TensorFlow
- ❖ Duke Undergraduate Machine Learning executive board (event organization and execution)
- ❖ Data+ 2019 Lake Stressors (R, RStudio, R Shiny)
- ❖ Data+ 2020 On Being a Blue Devil (R, RStudio, R Shiny, Able2Extract)

## **Work Experience**

- ❖ Student researcher.....Summer 2019, 2020
- ❖ Duke iiD Graphic Designer.....2019-Present

## **Postsecondary Extracurricular Activities**

- ❖ Nexus member & treasurer.....2018-present
- ❖ Director of Arts and Media for Duke Undergraduate Machine Learning.....2018-2019
- ❖ DrawDurham, DuArts.....2018
- ❖ Undergraduate Marketing Lead for startup Walla.....2017