

# Nicholas Maltbie

(513) 893-0656

maltbind@mail.uc.edu

<https://github.com/nicholas-maltbie/>

5349 Christopher Ct., Hamilton, OH, 45011, USA

## Education

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<b>University of Cincinnati</b> - College of Engineering and Applied Science	Class of 2021
Accelerated Masters/Bachelor of Science in Computer Science	GPA 4.0/4.0
University Honors Program	
Dean's List	
<b>Lakota West High School</b> , West Chester, OH	Class of 2016
Honors Diploma	GPA 4.0/4.0

## Work Experience

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<b>Undergraduate Research</b> - Cincinnati Children's Hospital Medical Center	May 2017- Aug 2017
<ul style="list-style-type: none"><li>Developed neural networks using Tensor Flow (machine learning) to determine if a patient is sick, using information from medical records</li><li>Wrote code to automate data generation for future research projects</li></ul>	
<b>Research Assistant</b> - Research Experience for Teachers, University of Cincinnati	July - Aug 2015, 2016
<ul style="list-style-type: none"><li>Instructed high school teachers in the math and protocols of cryptography</li><li>Designed and prepared coursework and activities with Python and Java</li><li>Communicated with teachers to evaluate and improve coursework</li></ul>	

## Skills

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### Programming Languages

Intermediate - Python, Java, C++

Basic - C, C#, matlab, LabVIEW, html, JS, CSS, XML, SQL, R, Bash

### Software

Github, Unity3d, Amazon Web Services, Virtualbox, Tensor Flow, Machine Learning, Jupyter, Anaconda

## Activities and Involvement

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<b>Association for Computing Machinery (ACM)</b> - Student CS Organization at UC	Aug 2016 - Present
<ul style="list-style-type: none"><li>Collaborated with other member during Revolution UC hackathon</li><li>Organized as part of a team to plan and host future hackathons hosted at UC</li></ul>	
<b>Bearcat Coders</b> - Women's Chapter of ACM at UC with Google's IgniteCS	Aug 2016 - Present
<ul style="list-style-type: none"><li>Volunteered to help instruct coding to students at Hughes STEM High School</li><li>Aided the instructor to develop and instruct coursework</li></ul>	
<b>Published Software</b> - Player Count Message	Jan 2014 - Apr 2015
<ul style="list-style-type: none"><li>Published Minecraft modification with 48,000 downloads</li><li>Developed software to transmit formatted server status information</li></ul>	

## Availability

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Alternating Semesters beginning Spring 2018 (January - May)