Nicolas Mitchell

University of Louisville | JB Speed School of Engineering
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EDUCATION	**Bachelor of Science in Computer Engineering/Computer Science**	Expected May 2020
	Master of Engineering in Computer Engineering/Computer Science	Expected May 2021
	J.B. Speed School of Engineering, University of Louisville, Louisville, Kentucky	**GPA 3.466/4.0**
		Hours Completed: 80

SKILLS/COURSEWORK

- **Fluent in C, C++, Java, Python, C#, and Javascript**
- Web Design with HTML and CSS
- Calculus I-III
- Differential Equations*
- Logic Design*
- Data Structures*

*Courses being taken in Fall 2017

- 3D modeling in Blender and Solidworks
- Graphic Design and 2D Animation Experience
- Game Development using Unity and C#
- Fluent in Spanish
- Musician – have played guitar for 8 years

CERTIFICATIONS

IC3 - Certified through a Computer Applications course in High School
Adobe – Certified through a series of Graphics and animation courses in High School

APPLIED EXPERIENCE

High School: Designed and assembled a gaming computer from scratch in 2013
Java: Several class assignments, also a tutor for students taking the Java class at UofL
C#: Used C# in conjunction with Unity game engine to build computer games
C/C++: Used for Data Structures class, also used in conjunction with Arduino
Python: Used in conjunction with Tensorflow to create image recognition software as part of a hackathon
HTML/CSS/JavaScript: Self-taught using online resources and books, currently building a personal website

WORK EXPERIENCE

Student Tutor   August 2017-Present
Resources for Academic Achievement (REACH) Computer Resource Center   Louisville,KY
- Helped students and staff with IT issues
- Tutored in Computer Information Systems and Computer Engineering/Computer Science classes
- Helped students solve problems with Microsoft applications, Python, C, C++, C#, and Java

Desk Staff   May 2017 – October 2017
University of Louisville Campus Housing   Louisville, KY
- Kept track of visitors, watched the front lobby, and answered phone calls
- Used spreadsheets to track mail and rooms
- Used security and administrative software to log and address problems faced by residents

ACTIVITIES/HONORS

Second Place, **FirstBuild "Hack the Home" Mega Hackathon**, 9/9/2017-9/10/2017
- Team created "Fridge VZN" – hacked a refrigerator by adding a camera and running an image recognition algorithm that displayed the types of items and quantities on a UI
- Also won PCI LTD Smart Home award and GE's Best Digital Experience Award

Vice President of Associate Member Education, **Delta Upsilon Fraternity**, April 2017-Present
- Teaching new members about fraternity history and values
- Planning events to reinforce material
- Keeping track of the progress and grades of new members

Member, **National Honors Society**, 2013-2016
Member, **Student Technology Leadership Program**, 2013