

# Nicolas Mitchell

University of Louisville | JB Speed School of Engineering

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|           |  |   |
|-----------|--|---|
| EDUCATION | <b>Bachelor of Science in Computer Engineering/Computer Science</b>              | Expected May 2020                           |
|           | <b>Master of Engineering in Computer Engineering/Computer Science</b>            | Expected May 2021                           |
|           | J.B. Speed School of Engineering, University of Louisville, Louisville, Kentucky | <b>GPA 3.466/4.0</b><br>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\*
- 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

\*Courses being taken in Fall 2017

## 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 - Present  
*University of Louisville Campus Housing* Louisville, KY

- Kept track of visitors, watched the front lobby, and answered phone calls in various dormitories
- 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 and planning events to reinforce material
- Keeping track of the progress and grades of new members

High School:

Member, **National Honors Society**, 2013-2016

- Maintained a high GPA and participated in community service and volunteer work

Member, **Student Technology Leadership Program**, 2013

- Hosted fundraising events such as LAN parties
- Worked on simple tech projects and IT work for teachers and students