**Nicolas Mitchell**

University of Louisville | JB Speed School of Engineering

**Permanent:** 10704 Sunderland Road, Louisville, KY 40243

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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\*
* 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 assembleda 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