

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 3.428/4.0 Hours Completed: 80

LANGUAGES/TECHNOLOGIES

- **C, C++, Java, Python, C#, and Golang**
- Web Design with HTML, CSS and Javascript
- Game Development using Unity
- 3D modeling in Blender and Solidworks
- Graphic Design and 2D Animation Experience
- Experience with web APIs
- Unit testing and integration testing with Docker
- Relational and NoSQL databases (Cassandra, MongoDB, PostgreSQL)

APPLIED EXPERIENCE **High School:** Designed and assembled a gaming computer from scratch in 2013
C#: Used C# in conjunction with Unity game engine to build computer games
C/C++: Used for Data Structures assignments, as well as Arduino programming
Python: Used in conjunction with Tensorflow to create image recognition software as part of a hackathon

WORK EXPERIENCE	Software Developer Intern	January 2018-Present Louisville, KY
	<ul style="list-style-type: none">• Wrote automated unit and integration tests for database software in Go• Wrote software in Go to interact with various database frameworks including MongoDB, Cassandra, and PostgreSQL• Used Docker containers to control and automate tests	
	Student Tutor	August 2017-December 2017 Louisville, KY
	<i>Resources for Academic Achievement (REACH) Computer Resource Center</i> <ul style="list-style-type: none">• Helped students and staff with IT issues• Tutored for Computer Information Systems and Computer Engineering classes• Helped students solve problems with Microsoft applications, Python, C, C++, C#, and Java	
	Desk Staff	May 2017 – October 2017 Louisville, KY
	<i>University of Louisville Campus Housing</i> <ul style="list-style-type: none">• 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	Vice President of Associate Member Education	April 2017- November 2017
	<i>Delta Upsilon Fraternity</i> <ul style="list-style-type: none">• Taught new members about fraternity history and values• Planned events to reinforce material• Kept track of the progress and grades of new members	
	Member, National Honors Society	August 2013-May 2016
	Member, Student Technology Leadership Program	August 2013 – April 2014