# Thomas Lowe

*Grand Blanc, MI*

##### Self-motivated computer scientist with a passion for computer graphics and programming. Seeking opportunities to expand teamwork and programming skills.

###### [ [Website](https://tomlowe.dev) ] . [ [Linkedin](https://www.linkedin.com/in/thomas-l-812704174/) ] . [ [Github](https://github.com/Vulpen) ] . [ [TomLoweUM@gmail.com](mailto:tomloweum@gmail.com) ] . [ 248 210 5928 ]

## Experience

**Jr. Software Developer/Service Tech | General Inspection, LLC** (August 2019 - July 2020)

* Solved real-world programming problems related to part inspecting
* Modified software to include features like color pickers and encrypted software authentication

**Undergraduate Research Assistant | University of Michigan - Flint** (April 2019 - May 2019)

* Developed a mobile application based on React-Native focused on promoting healthy eating in Flint, MI
* Used for Michigan State University research

**GDC Conference Associate - San Francisco** (March 2019)

* Assisted attendees at the world’s largest conference of game developers
* Met and attended the talks of professional developers in the games industry

## Education

**Bachelors in Computer Science, University of Michigan - Flint** (2015 - 2020)

* 3.61 GPA
* Classes in Computer Vision, Game Development, Agile Development, and Artificial Intelligence

## Skills

**Programming:** C#, C++, Matlab, Python

**Web Development:** JavaScript, HTML, CSS, React

## Projects

**Y86 Emulator [**[**Github**](https://github.com/Vulpen/YEMU)**]**

* Assembler and emulator written in C# based on the academic Y86 architecture

**Handwritten Number Recognizer**

* Based on Principal Component Analysis, a linear algebra based classification technique
* A project in computer vision which could recognize a set of handwritten numerical characters

## Extra-Curricular

**Upsilon Pi Epsilon (UPE)**

* Member of the internationally recognized computer science honor society Upsilon Pi Epsilon

**Association of Computing Machinery (ACM)**

* Vice President of University of Michigan’s ACM club
* A club which promotes computer science on campus