# Tom Lowe

*Lansing, MI*

##### A growing software developer interested in games technology with an expansive variety of experience.

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

## Experience

**Associate Software Developer | Auto-Owners** (Jan 2021…)

* Created automated tests for a data migration microservice using Kotlin and proprietary software.
* Full-stack development creating batch jobs and user workflow improvements.

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

* Processing real-time dimensions of parts like nuts and bolts.
* Modified software to include features like color selectors and encrypted software authentication

**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

**Languages:** Kotlin, C#, C++, Matlab, Python

**Game Development:** Unity, OpenGL, Raylib, MonoGame(XNA)

## 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