

Ethan Manarin

Computer Scientist / Software Developer

ethan.manarin@gmail.com 🔀

1-(517)-817-9765

Southgate MI 48195

kindanon.github.io/resume/

linkedin.com/in/ethan-m in

github.com/kindanon 💭

Recent Grad from Michigan Tech University looking for a place to gain experience and contribute what I know. I am very passionate about learning new things, and have picked up a numerous skills along the way.

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Dearhorn MI

EDUCATION

O B.A. in Computer Science

Michigan Technological University

2015 - 2019

Courses

Data Structures

- Artificial Intelligence

- Computer Hardware

 Concurrent Systems Team Programming

- Algorithms

Compilers

Networks

Databases (web+sql)

- Quality Assurance

ENTERPRISE PROGRAM

Husky Game Development (2018 – 2019)

- Videogame Enterprise, split into teams & manage our own projects over semester
- Mainly Use Unity/C#, Taught aspects of GUI design + user interaction
- Software Developer
- Managed Team Github
- Setup team meeting & communication with Assisting Teams

WORK EXPERIENCE

Software Developer Ford Motor Company

2019 - Present Achievements/Tasks

- Software Developer for Global Track & Trace
- Decommission software package used in multiple plants
- Track & Design paths vehicles take from plant to carrier
- Design & Create systems to collect data from webpages
- Design & manage SQL database to store data
- Create user facing web-pages to interact with said databases
- Connect multiple databases over networks with microservices

IT intern

Consumers Energy

2015 Jackson MI

Energy Provider, provides electricity to several cities in local area

- Achievements/Tasks
- Build & deployed data collection nodes to track energy usage
- Managed internal database connections + setup new database

SKILLS



PROJECTS

First Robotics

An organization dedicated to creating fighting robots - programmed control systems, helped design the robot

PAC AI

An AI system designed to play pacman. Uses muliple analysis types to find best possible outcome, uses perceptrons

null terminator

A unity based side scroller - GUI, dynamic audio, animations, mutliple levels

Meta Game

A gui based java game created with a team for team software development - GUI, audio, branching paths

INTERESTS

Data Collection & Data Analysis Artificial Intelligence User experience (GUI) CyberSecurity Software Performance