**ALEXANDER NAVARRE**

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**Education**

**UNIVERISTY OF MICHIGAN** **Dearborn, MI**

*Bachelors of Science, Computer & Information Science* *Spring 2020*

Concentration: Computer Systems GPA: 3.75

**UNIVERISTY OF MICHIGAN** **Dearborn, MI**

*Bachelors of Arts, Healthcare Policy* *December 2016*

Concentration: IT Management

* National Society of Leadership and Success

**WORK Experience**

## LG Electronics Troy, MI

*Smart Development – GM Info3.5L Radio May 2019 – August 2019*

## Engineering intern for the Info 3.5L GM radio development group, model year 2020

## Developed Over-the-Air (OTA) system that wirelessly updates radio module firmware

## Worked directly with GM domain lead and LG Korea to integrate software and hardware

* Performed blitz and sanity tests on weekly software iterations and hardware changes

Healthcare Dme Ann Arbor, MI

*Intern November 2015 – December 2016*

* Helped implement and maintain EMR system for patients
* Upgraded existing computers and network to adequately support the use of new database system
* Instructing and clarification of proper use of medical equipment provided to patients

**Useful SKILLS**

* C++/Visual Studio – 2+ Years
* Java/NetBeans – 2+ Years
* SQL Oracle Developer
* Vector VN5610A CANoe/CANalyzer
* Intrepid Systems neoVI FIRE 2/RAD-Moon
* Korean – Read/Write

**relevant courses**

**COMPUTER NETWORKS AND DISTRIBUTED PROCESSING**

* Foundation course that focuses on computer network functionality, design, and implementation
* Network topics covered includes knowledge of Internet Protocols (IP, TCP, and UDP)
* Multiple coding projects that cover networking services with socket programming

**SOFTWARE ENGINEERING**

* High-level course that approaches software engineering topics in the SDLC
* Topics include software engineering paradigms, requirements, functional design, and user interface
* Semester long group project incorporating risk tables, test plans, time estimation, and customer interaction

**COMPUTER ORGANIZATION & ASSEMBLY LANGUAGE**

* Course that focuses on the architecture of computer systems and associated software
* Topics include assembly language programming, computer interfacing, input/output systems, memory systems
* Design and implementation of a 2-pass assembler for C++