

# **Jared A. Dunbar**

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**Objective** - To gain real-life job experience toward a career in the Computer Science Industry.

## **Education - Bachelor's Degree in Computer Science**

Clarkson University, Potsdam, NY: Anticipated Graduation, May 2019

## **Experience - Clarkson Open Source Institute (COSI)**

August 2015-Present

- Developed and published open-source code to GitHub with permissive licensing for others to extend and create based on my work
- Created replacement computer parts using 3D printing
- Installed and Monitored battery backups
- Repaired lab computers and servers
- Created and Ran Virtual Machines and their host servers
- Restored older computers, some historic machines
- Maintained network racks including replacing switches, relocating wires
- Set up new servers and other hardware
- Presently am creating a monitoring system to check the health of servers and their environment using REST calls

## **Programmer, Hardware Developer for Racetrack Microcontroller,**

April 2015

Harwinton Lion's Club. Designed and built an embedded microcontroller system

## **Store Assistant, White Flower Farm,**

Summers of 2014, 2015, and 2016

Customer service, inventory management, and remerchandising

## **Programmer, Network Diagnosis Manager, Robot Assembler, Website Developer, Fundraiser, Mentor, President**

January 2010-June 2015

Robotics Clubs (FRC), (FLL), Region 10 School, Independent Clubs.

Designed, built and programmed networked, remote controlled and autonomous robots. Taught building strategies and programming structures

## **Computer Skills**

HTML, CSS, Java, Linux Administration on Debian, Ubuntu, and Arch Linux, Embedded Computing, LabVIEW, C++, Virtual Machines, Website Design, and Server Administration

## **Awards**

- IEEE Award for Excellence at National RoboWaiter Competition, April 2011
- Edward T. Preneta RoboWaiter Award for Best CT team of the National RoboWaiter Competition, April 2011

## **References**

Mrs. Jeanna Matthews, Professor, Department of Computer Science, Clarkson University, (315) 268 6288, jnm@clarkson.edu