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,

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