

MICHAEL L. FARDEN

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PROFESSIONAL EXPERIENCE

HARRIS CORPORATION, ROCHESTER, NY

Software Engineering, RF Communications Division, June 2018 – Present

- Satellite Communications and Networking
- Involves developing radio software using C and C++ for satellite radio systems

HARRIS CORPORATION, ROCHESTER, NY

Software Engineering Intern, RF Communications Division, June 2017 – August 2017

- Software Design Verification (SDV) Department
- Involves writing test cases using C# for software defined RF communication systems

MIDSTATE MUSIC OF CNY INC., OSWEGO, NY

Musical Instrument Repair Technician, Department Manager, July 2012 – June 2017

- Involves the diagnosis and repair of musical instruments
- Provides experience with technical problem solving and team management

EDUCATION

CLARKSON UNIVERSITY, POTSDAM, NY

B.S. Computer Engineering, Graduated May 2018

- Minors in Software Engineering and Mathematics

ONONDAGA COMMUNITY COLLEGE, SYRACUSE, NY

Summer Courses

- Principals of Macro Economics Transfer Credit - Summer 2016
- Physics II Transfer Credit - Summer 2015

OSWEGO HIGH SCHOOL, OSWEGO, NY

High School Diploma, Highest Honors, June 2014

- Regents Diploma with Advanced Distinction

SKILLS

- Object-Oriented Programming
- Programming Languages
 - C, C++, C#, Java, JavaScript, Html, CSS, Lua, and MATLAB
- Computer Hardware Design
 - VHDL and Assembly
 - Xilinx's Vivado and Altera's Quartus software to design hardware systems
- Experience using FPGA's, development boards, and microcontrollers
- Experience with Windows, Linux, and Mac OS
- Proficiency using Microsoft Visual Studio, Android Studio, and Eclipse IDEs
- Experience with Computer Graphics and WebGL applications
- Proficiency with the Adobe Creative Suite and Microsoft Office
- Member of the Oswego City Wind Ensemble (Professional), Alto Saxophone, 2015 – 2016
- Member of the Clarkson University Jazz Ensemble, Alto/Bari Saxophone, 2014 – 2017

AWARDS AND HONORS

- Recipient of the 2014 FitzPatrick Nuclear Power Plant Achievement Scholarship
- Recipient of the 2014 Oswego County Music Educators Association Performance Scholarship
- Recipient of the 2014 Louis Armstrong Jazz Ensemble Award

REFERENCES

Available upon request