Jeremy Sagaille

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Education
Union College, Schenectady, New York
Bachelor of Science in Computer Engineering June 2015

Technical Experience
Android Inventory Application Senior Project, Union College - Winter 2015
- Single handedly planned, designed and developed an android app from scratch.
- Used App to track data that the user input stored in a SQLite database.
- App used Near Field communication tags.
- Implemented App to increase profit margin of business.

RFID Keyless Entry Final Project using Embedded systems, Union College - Spring 2014
- Designed an RFID enabled door lock which featured a keypad back up system and a LCD display.
- Enclosed parts in a custom 3D printed faceplate and installed into a demo door.
- Developed the project with an 8051 micro controller and programmed in C.
- Used a logic probe in order to troubleshoot.

Business Delivery Services Intern, IP Logic, Latham, NY - Summer 2013
- Worked side by side with several of the network engineering best CCIEs in the industry.
- Troubleshot a multitude of IT problems both on site and remotely.
- Implemented fixes ranging from reinstalling Operating Systems to running anti virus software.
- Passed CCENT certification test (Cisco Certified Entry-Level Network Technician).

Physics Research Intern, Union College Dept. of Physics, Schenectady, NY - Summer 2012
- Studied the effects of collapse time versus how tightly a spring was wound.
- Collaborated with fellow interns with programming random number generators in an effort to come up with massive amounts of random numbers to simulate evaporating gas particles from a substance.

Leadership Experience
Captain, Union College Men's Swimming and Diving Team, 2014-15; Member 2011-Present
- 2013-2014 Liberty League Diver of the Year
- NCAA Regional Qualifier 2012/2013, 2013/2014, and 2014/2015

Head Lifeguard and Lifeguard Instructor

Technology Skills
- Cisco Certified Entry Level Network Technician 2013
- **Software skills:** Microsoft Office, Windows, OSX, Linux
- **Programming languages:** Python, MatLab, Java, C, and C++
- Worked with and serviced Makerbot and Stratasys 3D Printers
- Basic Solidworks experience
- Wood and Metal shop experience: MIG Welding, Plasma Cutting, Acetylene Torch

Additional Activities
- Union Year Book Photographer 2011-2015
- Guitar