

Ian P. Roberts

Contact

ian.roberts@mst.edu
linkedin.com/in/iproberts
636-328-4215

Address

2005 Holt Ave
Apt C
Rolla, MO 65401

Objective To obtain an internship in the area of Electrical or Computer Engineering

Education Missouri University of Science and Technology May 2018
B.S. Electrical Engineering & B.S. Computer Engineering **GPA: 3.96/4.0**

Experience Dynetics, Inc. Huntsville, AL
Product Engineering Intern May 2016 – Aug 2016

- Developed waveform simulation for a wireless data link
- Tested jamming resistance of channel coding on 4FSK waveform
- Documented and presented simulation creation, results, and conclusions
- Aided in part-selection for extreme shock conditions

Missouri S&T – Better Campus Competition Rolla, MO
Team Lead Oct 2015 – April 2016

- Designed a web application allowing users to view dining information
- Met with various campus entities to coordinate their interaction
- Constructed a database and server to house website and data
- Developed queries to acquire data from database and present it to users

Missouri S&T – Residential Life Rolla, MO
Resident Assistant Aug 2015 – May 2016

- Dedicated time to aid students with homework, studying, and guidance
- Developed and support a community of 28 men
- Performed safety and security rounds with a team of residence hall staff
- Implemented various education, developmental, and social programs

Missouri S&T – IT Web Support Rolla, MO
Student Web Development Technician Sep 2014 – Aug 2015

- Provided troubleshooting support to students, faculty, and staff
- Led training sessions on how to utilize the campus content management system
- Communicated ideas and content with Missouri S&T organizations
- Created documentation and tutorials for the campus content management system

Computer Skills C++, Python GNU Radio MATLAB
HTML, CSS, JavaScript PHP, MySQL Altera Quartus, ModelSim

Honors & Activities Missouri Satellite Research Team Trustee's Merit Scholarship
Peer Learning Assistant Academic Scholar's List
Institute of Electrical and Electronics Engineers Hackathon for Humanity