Ian P. Roberts

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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   **GPA: 3.96/4.0**
B.S. Computer Engineering

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 students
- 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++	PHP	MATLAB
Python	JavaScript	Altera Quartus, ModelSim
MySQL	GNU Radio	HTML, CSS

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