

DAVID POWERS

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Objective:

To obtain a position in the field of computer/electrical engineering, so that I can use my technical skills to help make the world a better place through the creation of innovative products.

Education:

Michigan State University	Aug 2012 – Dec 2016
<ul style="list-style-type: none">• Computer Engineering• 3.006 GPA	
Michigan Center Jr./Sr. High School	Aug 2008 – Jun 2012
<ul style="list-style-type: none">• 4.143 GPA Valedictorian	

Work Experience:

OnStar Web Development Intern – General Motors	May 2016 – July 2016
<ul style="list-style-type: none">• Implemented Selenium automated testing for OnStar web properties. This tool set provides higher integrity tests, and improves the development process by saving time and resources.	
SharePoint Development Intern – General Motors	May 2015 – Aug 2015
<ul style="list-style-type: none">• Created a framework to improve SharePoint's mobile UI making it a better tool for the business• It is dynamically updatable allowing the user to create, edit, and view all their content on the go	
Software Development Intern – General Motors	May 2014 – July 2014
<ul style="list-style-type: none">• Designed and developed web applications and proof of concept for a next generation website to improve vehicle management.• Innovation Challenge: Led intern team that developed a project plan for improving the CVO Ambassador Vehicle Reservation system.	
Technology Manager – Dave Powers Fence Co. LLC.	Mar 2008 – Now
<ul style="list-style-type: none">• Implemented time saving and website marketing techniques for the company.	
Electrician/Home Automation Intern – Tru Designs LLC.	Dec 2014 – Jan 2015
<ul style="list-style-type: none">• Over winter break I gained experience installing electrical systems for home security, video surveillance, and LED lighting. It gave me insight into the application of electronics.	

Technical Skills:

Programming, Information Technology	
<ul style="list-style-type: none">• SharePoint, C++, C, Java, Python, PHP, SQL, JavaScript, jQuery, HTML5, CSS, MATLAB	
Website Development	
<ul style="list-style-type: none">• SharePoint 2010/2013 development experience• Used HTML 5, CSS and JavaScript to create extensive websites optimized for mobile	
Audio Enthusiasts and Engineers (AEE) Club Member	Jan 2015 – Now
<ul style="list-style-type: none">• 8x8x8 LED Cube Project: Worked in a team to research, design and implement a 512 RGB LED Cube for Design Day. Learned about Raspberry Pi, and Arduino microcontroller programming.	
FIRST Robotics team, Jackson County ISD	Dec 2011 – Mar 2012
<ul style="list-style-type: none">• Assisted in the design, construction, and programming of a robot for FIRST competitions.	

Extra-Curricular and Community Service:

MSU Detroit Semester	May 2015 – Aug 2015
<ul style="list-style-type: none">• Cleaned a trail in the back of the Bell Isle park to make it more welcoming to visitors• Weeded landscaping at the Eastern Market so they could erect a sign to draw more customers	
Michigan State University Activities Board Member	Jan 2013 – Jun 2013
<ul style="list-style-type: none">• Helped to organize various campus events and promote the UAB	
National Honor Society President	Aug 2010 – Jun 2012
Big Brothers Big Sisters Member	Aug 2011 – Jun 2012
Student Representative on the Michigan Center School Board	Sep 2011 – May 2012
Volunteered at the Lyle A. Tarrant Center	Aug 2011 – May 2012
<ul style="list-style-type: none">• Multiple times I had the opportunity to swim and play with students that have developmental disabilities.	
Michigan Center High School Student Council Member	Sep 2008 – May 2012
Varsity Cross Country and Track – Team Captain and Academic All-Conference	Aug 2008 – Jun 2012