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Angelo Bertani
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Objective: Pursue a full time position in the field of Computer/Electrical Engineering.

Education:

University of Michigan-Dearborn Dearborn, MI
Bachelor of Science in Engineering
Major: Dual Computer/Electrical Engineering GPA: 3.59 Graduation: April 2014

Honors/Achievements:

- Eta Kappa Nu (HKN) Honor Society
- Tau Beta Pi (TBP) Honor Society
- Dean's List
- Dean's Scholarship from U of M- Dearborn

Notable Projects:

- I.O.N. Autonomous Snow Plow
 - Jan 2014 - 2nd Place
 - Jan 2013 - 3rd Place
 - Jan 2012 - 3rd Place
- Landmark based SLAM using LiDAR
 - Marquardt-Levenberg Method
- Obstacle detection/avoidance w/LiDAR
- I.O.N. Autonomous Lawnmower
 - June 2012 - 3rd Place

Skills:

- Programming: C, C++, Ladder Logic, Assembly, MATLAB
- PLC Software: RSLogix 5000 , Siemens Step7
- Software Libraries: OpenCV, POSIX Threads
- Communication Protocols: TCP/IP, UDP, Serial

Work Experience:

Cinetic Automation

Controls Engineer

Farmington Hills, MI

5/12 – Present

- Polaris Thunderball Cold Test Station (Jan 2014)
- John Deere Transaxle Cold Test (Jan 2014)
- GM Torque To Turn Station (Jun-Aug 2013)
- GM Corvette Cold Test Station (Apr-Jun 2013)
- Polaris Cannonball Cold Test Station (Jan-Apr 2013)
- Caterpillar Engine Block Assembly (May-Dec 2012)

Michigan Youth Flag Football

On-Site Director

Pontiac, MI

4/10 – Present

Interest/Affiliations:

- Member Tau Beta Pi (TBP) Honor Society Fall 2012 - Present
- Member Eta Kappa Nu (HKN) Honor Society Fall 2011 - Present
- UMD Intelligent Systems Club (ISC) Fall 2011 – Present
 - President (Jan 2012 - Dec 2012)
 - Treasurer (Jan 2013 - Present)
- UMD Bowling Team Fall 2011 – Fall 2013