Lawrence J. Bolan

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Education:

Purdue University College of Technology- New Albany:
- Electrical Engineering Technology, Bachelor of Science (Graduated May 2015)
- Final GPA: 3.4
- Capstone Project: Reverse engineering and re-design of an inductive casting machine's controls for a 3rd party
- Major Skills acquired: AutoCAD, Atmel AVR (C), ladder logic/PLC, project design and management, polyphase system analysis, reverse-engineering, PCB design (KICAD), systems engineering, signal processing, RF engineering
- Awards: Dean's List and Semester Honors (Fall 2012, Fall 2014)

Work/Volunteer Experience:

Premium Retail Services (Merchandiser and Electronic Display Technician)
- Employed June 2011 - present
- Skills: Liaison operations, customer satisfaction, teamwork, written communication, time management/scheduling

ActionLink (Merchandiser and Electronic Display Technician)
- Employed October 2012 – June 2015
- Skills: Liaison operations, customer satisfaction, teamwork, written communication, time management/scheduling

Purdue University CoT New Albany (Lab Monitor)
- Employed August 2014 – May 2015
- Skills: Customer service, problem solving

IEEE Purdue University College of Technology- New Albany Student Branch
- Chair 2014 – 2015

FIRST (Volunteer and FRC mentor)
- Event Volunteer March 2012 – present, Mentor on Winner's Circle Robotics July 2014
- Skills: People management and coordination, technical observation, technical writing
- Achievements: Two technical instructional guides, distributed as open source

FIRST (FRC team member)
- On two high school robotics teams: #1747 August 2007- July 2010, #2783 July 2010- July 2011
- Skills: Electronics design and management, Labview Programming, Project design and management, Team leadership
- Titles/Awards: FIRST Dean's List Semifinalist (2010), Electrical Sub-team Captain (2011)

Badcaps.net Forums
- Super Moderator January 2012 to September 2013, Active member November 2008-present
- Badcaps.net Forums is an online forum catering to component level electronics repair and modification
- Achievements: Several technical instructional guides, available for public viewing
- Skills: conflict management, critical thinking

Other Skills:
- Electronics/computer repair and troubleshooting
- Electronics soldering
- Advanced Linux usage (Debian and Arch Linux)
- Welding (SMAW, MIG, TIG)