

## **David Robertson**

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### **Professional Experience**

- May 2010-present: Argonne National Laboratory, Argonne, IL: Engineering Specialist, Electrochemical Analysis and Diagnostics Laboratory, Testing of advanced battery technologies, DOE contract deliverables, benchmarking of foreign battery technologies
- July 2007-May 2010: LGCPI, Troy, MI: Electrical Engineering Manager, Lead the development, validation and integration of Battery Management and Control systems, electrical interfaces, wiring systems and sensing interfaces of large format lithium ion batteries for automotive and other applications.
- August 2004- July 2007: MicroSun Technologies, LLC, Lisle, IL: Electrical Engineer, Battery pack design and project management from concept through production for medical, industrial, consumer and military fields.

### **Education**

- M.S., Electrical Engineering, Illinois Institute of Technology, Chicago, IL 2014.
- B.S., Electrical Engineering with highest honors, Illinois Institute of Technology, Chicago, IL 2004.

### **Awards**

- 8 Patents – 4 approved and 4 pending.

### **Career Activities & Highlights**

- Led efforts to develop prototype battery packs for Chevrolet Volt, Ford Focus EV, Volvo V70 and Eaton trucks.
- Led efforts to bring Chevy Volt battery management system from prototype into production.
- Developed hardware platform for all LGCPI battery management systems for 2008-2012 production programs.
- Support battery development programs sponsored by the US Advanced Battery Consortium
- Support efforts to benchmark foreign battery technology
- Member of battery test protocol working groups