

Noah Bergman

Nbergman@iastate.edu

Phone: 651-247-7668

NoahBergman.com

Education

Bachelors in Electrical Engineering

Expected Graduation: May 2015

GPA: 2.7

Iowa State University

2011-Present

Experience

Altec Industries

Manufacturing Engineer Coop: Electronics

- Designed alarm unit for fiberglass resin tanks
- Automated Altium to Solidworks BOM using Visual Basic
- Designed process flow for proposed SMT production line

St. Joseph, MO

Jan.-July 2015

CSG Electronics Shop

Shop Assistant

- Designed testing unit for servos, op-amps, and transistors
- Troubleshooted and repaired lab equipment and printers

Ames, IA

2014-Present

Swim America

Private Swim Instructor

Ames, IA

2011-2013

Extracurricular

Engineers for a Sustainable World (ESW)

Vice President (Current), President, VP of International Projects

2012-Present

Institute for Electrical and Electronics Engineers (IEEE)

Project Chair(Current), Web Media Chair, Project Leader

2012-Present

Habitat for Humanity

International and Local Volunteer

2010-Present

Water Polo Club

2011-2014

Project Experience

Two-Wheeled, Bluetooth Balancing Robot

- Small robots equipped with MSP432, IMU, and BLE/ANT

Personal

Present

Capacitive Touch, LED Rubik's Cube

- MSP432 with TI-RTOS, 6 TLC's, IMU, and Bluetooth

Personal

2014-2015

Solar Street Light

Project Leader

- Designed controller and charger for solar light

ESW

2013-2014

Water Collection System in Nicaragua

Project Leader

- Designed rain water collection tank for irrigation in Nicaragua

ESW

2014-2015

TV-B-Gone and Color Organ

Project Leader

- Demonstrated basics of embedded programming, schematic and PCB design

IEEE

2013-2014

Awards

Award for Competitive Excellence

Recurring Award

Iowa State University

2011-Present

North Suburban Kiwanis Leadership Award

Recognized Leader in Volunteer Opportunities

Roseville, MN

2011

Skills

Proficient in: C, Matlab Scripts, Visual Basic, HTML

Programs: Matlab Simulink, Solidworks, Autocad, Altium, KiCad, Multisim, Code Composer Studio