Benjamin Ryan

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OBJECTIVE

Seeking a full time position as an electrical engineer within the power industry.

EDUCATION

Iowa State University, Ames, IA May 2015
Electrical Engineering
Overall GPA: 3.28

EXPERIENCE

Power Engineers, Lakewood, CO May 2014 – August 2014
Electrical Engineer Intern I
- Performed substation DC battery calculations.
- Created CT saturation Calculation books in Mathcad.
- Completed arc flash calculations with accompanying relay settings.
- Assisted engineers in design and troubleshooting on various SCADA and HMI projects.

Omaha Public Power District, Omaha, NE May 2013 – December 2013
Electrical Engineer Co-op
- Worked directly with plant engineers and technicians to resolve issues and make improvements.
- Completed arc flash calculations, design checks and markups, TCC adjustments, cable scheduling, purchased parts, created drawings, and created excel macros for data basing.
- Design checks and implementation on Automated PLC sluice and water treatment system.
- Designed and programmed enclosure heat rise calculator.

Funcrest Dairy and Grill, Iowa City, IA June 2012 – August 2012
Cashier, Food Preparer, Server
- Communicated directly with customers, took orders and handled money.
- Maintained a sanitary work environment to comply with health code.

ACTIVITIES

Iowa State University Run Club August 2010 – Current
Member
- Active participation and competition at regional and national level NIRCA races.

Iowa State Film Club August 2010 – 2012
- Produced informative commercials for local businesses.

HONORS

Dean's List January 2012 – May 2012
- Achieved a GPA of 3.50 or greater at Iowa State University.

National Honors Society
- Achieved a GPA of 3.68 in high school. August 2006 – June 2010

SKILLS

- Familiar with VBA, JAVA, C, and Verilog HDL languages.
- Write and Speak Spanish.
- Experience in basic electrical circuits (Soldering, Breadboards, Power supplies, LCDs, 555 circuits, etc).
- Experience with Atmel Studio, PTC Mathcad, Acselerator Software, Cadence Virtuoso, ModelSim, PSSE, SKM Power Tools, MATLAB, Quartus II, Bently Microstation, Microsoft Access 97, Cisco Webex, Ventryx Assett Suite, and Microsoft Office.