



Aaron J Ward

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Education

Northwestern University

MS Engineering Design and Innovation
June '11 GPA: 3.8 / 4.0

Bradley University

BS Mechanical Engineering
December '07 GPA: 3.0 / 4.0

Work Experience

Anheuser-Busch InBev

St. Louis, MO
Engineer I February '16 – Present
SME Tech II October '13 – February '16

Integrus Energy Group

Chicago, IL
Engineer October '11 – July '13
Associate Engineer February '08 – October '11

Career Highlights

Anheuser-Busch InBev

- Led a cross-functional team to scale up production of a fruit infused craft beer
- Prototyped innovative method for injecting various ingredients into very large holding vessels
- Developed new process to increase production yields of craft beer brands
- Implemented commodity metering program at multiple locations; set standard for future installations
- Completed multiple factory acceptance tests of brewing and packaging equipment
- Optimized pumping systems using DMAIC six-sigma methodology
- Scoped and funded dozens of capital projects to increase capacity of beer production and large and small facilities
- Frequently present projects scoping, execution status and technical achievements to senior leadership
- Created brewery capacity models based on equipment specifications and process conditions

Integrus Energy Group

- Trained hundreds of users on usage of new asset management software system
- Developed web-based interface to a SQL database to increase productivity of field supervisors
- Implemented mobile tablet system to improve field data collection and eliminate paper forms
- Communicated face to face with customers and stakeholders around service impacts of large capital projects
- Led shutdown of high volume natural gas line to prepare for underground pipe replacement
- Scoped and executed multiple gas main replacement and installation projects

Northwestern University

- Performed user research and developed prototypes for feminine care products
- Ideated and rapid prototyped hundreds of ideas and 3D printed prototypes of fitness trackers
- Created immersive museum experience while driving museum visitor traffic in specific patterns

Bradley University

- Developed a patentable prototype of a gas delivery system for a US Department of Energy project - Published
- Fabricated brake rotors and suspension parts for Formula SAE team
- Served as a resident advisor for 2 years over freshman and sophomores

Skills

- Microsoft Office; Excel, Powerpoint, Access, Vizio, Project
- HTML • CSS • JavaScript • C++ • Python • Arduino • Adobe Creative Suite • SketchUp • SolidWorks
- Project Management • Project Economics • Operations • Technical Problem Solving