

RYAN HEITMANN, P.E.

ELECTRICAL ENGINEER

PROFESSIONAL SUMMARY

I'm an electrical engineer who is following my dream and pivoting from designing power distribution systems for sports stadia to designing software.

RELEVANT SKILLS / ATTRIBUTES

TEAMWORK AND COLLABORATION

Throughout my time as an engineer, I have always been a part of a multidisciplinary team and have interfaced with other teams both internal and external. I have learned that effective communication and the willingness to perform any tasks necessary are essential for a successful project.

PROJECT DELIVERY

State Farm Arena renovation was an intricate, and messy design challenge that was also paired with a massive design team and an inflexible deadline of being fully operational by opening day of the 2018 NBA season. I interfaced with 20+ design teams daily so that I was always aware of design changes and issues as they arose. As a result, the project was delivered on time, within budget, and the owners were extremely satisfied with their final product, with the COO proclaiming that he felt the arena was the finest venue in the entire NBA.

PROBLEM SOLVING

I was fortunate to work in a field where I was constantly solving problems by utilizing an agile approach and outside-the-box thinking. Every project provided a unique host of challenges due to the architecture of the building, budget constraints, and complications in the field due to incongruities between design and implementation. I've learned that many problems can be solved by taking ownership of the situation and communicating effectively to all parties involved.

PASSION

During the Covid lockdown, I had the opportunity to dedicate myself full-time to learning one of my life-long interests: programming. My studies ignited a fire in me, and I began consuming as many tutorials as I could find. I loved programming so much that I put my career as a successful engineer on hold so I could pivot into a new industry and pursue something that I love.

PROFESSIONAL EXPERIENCE

WEB DEVELOPER | PURE TOUGH GYM | WELLINGTON, NZ

Jun 2020 – Jul 2020

- Secured contract work as an independent web developer
- Collaborated with owner and personal trainers regarding website content, design, and layout
- Executed owner's vision utilizing Wordpress for ease of future maintenance by owner

CONTACT

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LANGUAGES

C#

PYTHON

JAVASCRIPT / TYPESCRIPT

HTML/CSS

TRANSFERRABLE SKILLS

LEADERSHIP

PROBLEM SOLVING

EFFECTIVE COMMUNICATION

PROJECT MANAGEMENT

GOOD ENGINEERING PRACTICES

EDUCATION

B.S. ARCHITECTURAL ENGINEERING

KANSAS STATE UNIVERSITY
MANHATTAN, KANSAS 2010

CREDENTIALS

LICENSED AND REGISTERED
PROFESSIONAL ELECTRICAL ENGINEER
STATE OF COLORADO

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PROFESSIONAL EXPERIENCE

SENIOR PROJECT MANAGER | ME ENGINEERS | DENVER, CO Jul 2010 – Aug 2019

- Led building services team and designed the power distribution, lighting, and fire alarm infrastructure for numerous \$150M+ projects
- Successfully delivered a high-quality product on-time while simultaneously working on 10+ projects ranging from professional stadia to residential multi-family apartment buildings
- Represented ME Engineers by serving as main point of contact and interfaced with high priority clients on a day-to-day basis for landmark projects
- Led a successful engineering team and mentored recently graduated engineers

ELECTRICAL DESIGNER | DBR ENGINEERING CONSULTANTS | HOUSTON, TX Jul 2010 - Jun 2014

- Provided power distribution, lighting, and fire alarm design while drafting in AutoCAD and Revit
- Successfully delivered quality construction documents on time while juggling 15+ projects at a time
- Worked as part of a multi-disciplinary team of engineers

VOLUNTEER WORK

VOLUNTEER | KAIBOSH FOOD RESCUE WELLINGTON Feb 2020 – May 2020

- Worked with a team of volunteer and full-time staff and assisted with procuring donated food from participating grocery stores in the greater Wellington region
- Assisted with sorting and taking inventory of donated food for distribution to various Wellington based organizations serving people in need.

HOBBIES & INTERESTS

COOKING

CYCLING (ROAD & MOUNTAIN)

COMPUTER PROGRAMMING

HIKING & TRAMPING

TRAVEL

SOCIAL SPORTS

FOREIGN LANGUAGE (SPANISH)