

# RYAN HEITMANN, P.E.

SENIOR PROJECT MANAGER | ELECTRICAL ENGINEER

## PROFESSIONAL SUMMARY

Electrical Engineer with 9+ years Project Management in the Building Services Industry. Currently aiming to utilize my life-long interest in programming and pivot into Software Development with an interest in Back End Web Design. Fluent in C# with a strong familiarity of Python, and currently learning Javascript and Typescript.

## PROFESSIONAL EXPERIENCE

### WEB DEVELOPER | PURE TOUGH GYM | WELLINGTON, NZ June 2020 – July 2020

- Approached local gym owner and offered to redesign existing website
- Collaborated with owner and personal trainers regarding website content and layout
- Executed owner vision utilizing Wordpress and launched website at: <http://www.puretough.co.nz>

## PROJECT EXPERIENCE

### CHECK THE FRIDGE | SELF EMPLOYED | WELLINGTON, NZ July 2020 – Present

- Currently developing an ingredient-focused web application that will allow users to create meals and shopping lists based on ingredients owned and/or ingredients that need to be procured
- Back End is done in ASP.NET Core utilizing MVC and written in C#. Data is currently stored via SQL Server 2017 with near-term goal to utilize Entity
- Front End is utilizing Blazor pages with a near-term goal of utilizing Angular currently learning Javascript / Typescript and Angular.

### CS106A | STANFORD UNIVERSITY | PALO ALTO, CA April 2020 – May 2020

- Attended Stanford University's unique remote offering of CS106A 'Code in Place' available only during Covid-19 lockdown.
- Learned programming concepts and methodologies utilizing Python
- Submitted a simple 'Final Project' which can be found here: <https://compedu.stanford.edu/codeinplace/public/projects/0846.html>

## ELECTRICAL ENGINEERING EXPERIENCE

### SENIOR PROJECT MANAGER | ME ENGINEERS | DENVER, CO Dec 2018 – Aug 2019

- Project managed the power distribution, lighting, and fire alarm infrastructure for numerous \$100M+ USD projects
- Successfully delivered a high-quality product on-time while simultaneously working on 10+ projects ranging from professional stadia to residential apartments
- Mentored young engineers by promoting teamwork and providing direction on good design practices and client interaction

## CONTACT

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🌐 [linkedin.com/in/ryan-heitmann](https://www.linkedin.com/in/ryan-heitmann)

🐙 [github.com/RyHmann](https://github.com/RyHmann)

## SKILLS

C#

SQL

PYTHON

HTML

CSS

JAVASCRIPT (BASIC)

TYPESCRIPT (BASIC)

UNITY (BASIC)

WORDPRESS

GIT

## 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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## Projects of Note:

*Daryl K Royal Memorial Stadium South Endzone Renovation – Austin, TX*  
Managed team in the successful delivery of construction documents for \$150M USD  
Renovation and New Construction of South Endzone Structure for 100,119 seat  
Collegiate American Football Stadium on time and within client's budget.

## **ELECTRICAL PROJECT MANAGER | ME ENGINEERS | DENVER, CO Dec 2015 - Dec 2018**

- Organized and ran meetings with architects, contractors, owners, code officials, and inspectors
- Co-managed and designed large-scale projects with high-value clients
- Served as on-site engineer for an American Football stadium: Issued in-field design directives, observed installation, and reviewed contractor change orders
- Passed the Professional Engineer (PE) Exam

## Projects of Note:

*Canvas Stadium at Colorado State University – Fort Collins, CO*  
Assisted with power distribution and lighting design for new \$220M USD 41,000 seat Collegiate American Football Stadium. Acted as on-site engineer and commissioned sports lighting design to confirm compliance with NCAA Television Broadcast Criteria.

## *State Farm Arena Renovation – Atlanta, GA*

Provided lead electrical design and project management for a challenging \$200M USD renovation of 16,600 seat NBA Basketball Arena and Concert Venue. Project was phased over multiple NBA seasons with a design team of over 15 subconsultants.

## **PROJECT ELECTRICAL ENGINEER | ME ENGINEERS | DENVER, CO July 2014 - Dec 2015**

- Provided power distribution, lighting, and fire alarm design while drafting in Revit
- Provided Construction Administration services by answering Contractor RFIs and writing Site Observation Reports

## Projects of Note:

*1776 Curtis Street – Denver, CO*  
Assisted senior electrical engineer with electrical design for 28 Story \$125M USD Multi-Use High Rise Building. Provided power distribution and lighting design, coordinated with sub-consultants, and provided construction administration.

## **ELECTRICAL DESIGNER | DBR ENGINEERING CONSULTANTS | HOUSTON, TX July 2010 - June 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 seven engineers

## Projects of Note:

## *Project Champion – The Woodlands, TX*

First substantial project while acting as lead electrical designer for twin Class A 13-story office buildings to house Exxon Mobil's Accounting Team. Attended meetings, coordinated with sub-consultants, and provided power distribution and lighting systems design.

## **HOBBIES & INTERESTS**

CYCLING (ROAD & MOUNTAIN)

BICYCLE BUILDING

COMPUTER PROGRAMMING

HIKING & TRAMPING

TRAVEL

COOKING

FOREIGN LANGUAGE (SPANISH)

## **ENGINEERING SKILLS**

REVIT

AUTOCAD

BIM SOFTWARE

SKM POWER SUITE

AGI 32

MS OFFICE SUITE

BUILDING CODE (NEC, IBC)

ENERGY CODE (IEC, ASHRAE)

LEED CONSTRUCTION