

Ruben Sandoval

Philadelphia, PA - Email me on Indeed: [indeed.com/r/Ruben-Sandoval/56ffa798f7835489](https://www.indeed.com/r/Ruben-Sandoval/56ffa798f7835489)

Authorized to work in the US for any employer

WORK EXPERIENCE

Electrical Engineer

Wick Fisher White - Philadelphia, PA - July 2015 to January 2016

Responsibilities

Designated project timeline appropriation, and shop drawing cut files.

Performed Coordination studies with SKM software.

Drafted electrical floor plans, single line diagrams, and project specifications.

Fire alarm, power, lighting system design with AutoCAD and/or Revit MEP.

Accomplishments

DD submission for a mall project utilizing Revit MEP.

Healthcare facility electrical system redesign using AutoCAD and SKM.

Skills Used

AutoCAD 2015 design, Revit 2015 design, SKM selective coordination studies, electrical building code research, field survey investigations, electrical calculations and client communication.

System Operations Training Co-op

PJM Interconnection LLC - Audubon, PA - April 2014 to September 2014

Filed and recorded all up-to-date dispatch and training records using MS SharePoint.

Assisted in simulation run-time and mock dispatch scenarios with EMS & SCADA tools.

Participated and instructed in teaching courses with MS PowerPoint and Excel. Implemented new projects for learning retention after training using Axonify.

Electrical Engineering Co-op

KlingStubbins - Philadelphia, PA - April 2013 to September 2013

Reviewed and budgeted equipment and controls placement in building plans using Revit 2013 and AutoCAD 2010.

Input and assessed existing wiring and power equipment (xfmrs, panels, outlets, lights) in building plans using Revit 2013.

Reviewed building plan single line diagrams for discrepancies and corrected them using Revit 2013.

Electrical Engineering Co-op

Allen-Sherman-Hoff - Exton, PA - March 2012 to September 2012

Constructed wiring diagrams, panel layouts, terminal block arrangements, and I/O diagrams for electrical engineers using AutoCAD 2010.

Developed Graphic User Interface (GUI) screens for customers based on project design.

Performed studies for catalog cut files of parts specifications for projects and their implementation in the project design with MS Excel and Word 2010.

EDUCATION

Bachelor of Science in Electrical Engineering

Drexel University - Philadelphia, PA
2010 to 2015

SKILLS

Microsoft Office 2013 (Excel, Word, PowerPoint), Microsoft SharePoint, MATLAB 2015, NI LabVIEW 2013, Revit 2013, AutoCAD 2010, Microstation

LINKS

<https://www.linkedin.com/in/rubenestandoval>

ADDITIONAL INFORMATION

Relevant Courses studied:

Senior Design I, II & III (Solar Powered Distribution System)

Intro to Renewable Energy

Electric Motor Control Principles

Energy Management Systems

Distribution Automation and Control

Modeling Analysis of Electric Powered Distribution Systems

Power Systems I, II & III

Distribution System Restoration

Electronic Devices

Introduction to Thermodynamics

Dynamic Systems and Stability