

Fidel Sanchez
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Profile

Innovative electrical engineer with more than 13 years of experience in power systems, automation and controls. Able to lead teams to research and create electrical design specifications and manufacturing processes for electrical systems. Focused on collaborating with clients, teams and management to promote synergy and provide solutions.

Professional Experience

Senior Electrical Engineer, Sprague Systems, Seattle, WA

December 2014 - Present

- Lead team of eight junior engineers to design power systems projects, including providing design direction, approving documents, delegating tasks, and managing timelines and budgets
- Conduct specification reviews and develop methodologies and strategies for project delivery
- Create, align and optimize electrical instrumentation and testing equipment
- Specify and document initial factory settings and complete product testing prior to shipment

Electrical Engineer, Zobel Industries, Seattle, WA

July 2007 - November 2014

- Took multiple projects through the complete engineering life cycle, including design supervision of manufacture, testing and commissioning
- Utilized CAD software to prepare project design and assembly drawings, including schematic design and assembly drawings
- Performed in-depth testing of completed hardware

Education

Bachelor of Science in Electrical Engineering

University of California - San Diego, San Diego, CA, September 2001 - June 2005

Master of Engineering in Electrical and Computer Engineering

Cornell University, Ithaca, NY, September 2005 - June 2007

Key Skills

- Power system operation and control
- Distributed power system engineering
- Relationship building and problem resolution
- Manufacturing industry expertise
- Technical tools: Python, C, Matlab, PSCAD, AutoCAD

Certifications

- Licensed Professional Engineer, Electrical and Computer, Washington, 2018