

# Ryan Daniel Short

Short.ryand@gmail.com | (803) 719-3606  
7270 W Manchester Ave. Apt. 624 | Los Angeles, CA 90045

## WORK EXPERIENCE

### Controls Engineer

May 2018 – May 2024

- Worked on a team to redesign the LAX Terminal 1 baggage system to improve system automation, efficiency, and total throughput capacity
- Led the site commissioning of LAX T1 including planning and executing cut-in's to live systems,
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### Electrical/Mechanical Draftsman, The Hiring Group

Dec 2017 – April 2018

#### (Contracted to Michelin North America, Inc, US5 Lexington, SC)

- Accelerated engineering drawing updates for completed projects
- Maintained updated engineering drawings to reflect current system upgrades
- Assisted with in-plant system upgrades to PLC's and wireless monitoring systems for process optimization and cost reduction

### Electrical Engineering Intern, MOX Project Savannah River Site, AREVA

May 2016 – August 2016

- Assisted in developing the Phase II Electrical Energization Plan for the MOX Fuel Fuel Fabrication Facility
- Developed new Unit Rates for the Electrical Cable Pull which resulted in a potential cost savings of approximately \$4 million
- Supported Early Startup Testing group with analyzing glovebox systems for potential early in-plant testing to accelerate the project Critical Path

May 2017 – August 2017

### Electrical Engineering Intern, MOX Project Savannah River Site, AREVA

- Assisted the Electrical Strategic Planning Team in determining the Electrical Logic and Sequencing of all Electrical and Control Power that will be installed at the MOX Fuel Fabrication Facility
- Developed high understanding of complex electrical power distribution and control systems
- Performed AutoCAD simulations to ensure ingress of Glovebox assemblies
- Gained experience in performing constructability reviews

## SOFTWARE PROFICIENCIES

- HTML, CSS, Javascript (ES6), Java, Python

## EDUCATION

### University of South Carolina, Columbia, SC

Bachelor of Science in Electrical Engineering

Overall GPA: 3.85

May 2018