

# Andrew Vocaire-Tramposch

*Electrical Engineer / EIT*

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## WORK EXPERIENCE

07/2014 – Current (4.5yr) Richmond, CA

### Instrumentation & Electrical Engineer

Chevron Products – Richmond Refinery

- ◇ Created or provided detailed reviews for over 140 high quality work instruction packages for new or replacement instrumentation/electrical installations. Worked closely with numerous other disciplines on varied project scope and complexity to produce superior work products.
- ◇ Selected various complex engineered components and products to meet project needs and budget. Including data sheet creation & request for quotation packages.
- ◇ Supported all instrumentation, control system, and electrical distribution equipment throughout the refinery, including on-call field troubleshooting & engineering support.
- ◇ Managed projects through entire lifecycle, including: securing funding, cost analysis and projection, scheduling, construction execution, and closeout.
- ◇ Design experience with DCS/PLC architecture and programming.
- ◇ Lead I&E Engineer for TKN/TKC Major Shutdown 2018/2019.
- ◇ Lead I&E Engineer for Richmond Lube Oils Plant Major Shutdown 2016.

06/2012 – 09/2012 (3mo) San Jose, CA

### Electrical Distribution Intern

Pacific Gas & Electric

- ◇ Analyzed complex load data from multiple networks to forecast future demand and plan potential FLISR (fault location isolation service restoration) switching strategies.
- ◇ Assisted an Electric Distribution engineer with electric designs and system reliability of a distribution planning area over 500MW.
- ◇ Assisted in major service change of Phillips Lumileds from distribution to transmission service for future growth.
- ◇ Provided support to operations for daily outages including switching plans and decision making to limit customer outage time.

## EDUCATION

Graduated 06/2014

### B.S. in Electrical Engineering

GPA: 3.59

California Polytechnic State Univ. San Luis Obispo  
Graduated Cum Laude, Pres. Honors List 12-13'

## TECHNICAL SKILLS

Years of Experience

Microsoft Office	■	■	■	■	■
AutoCAD	■	■	■	■	■
Solidworks	■	□	□	□	□
ETAP	■	■	■	■	■
Python	■	□	□	□	□
C/C++	■	■	■	□	□
Java/JavaScript	■	■	■	□	□
Structured Text	■	■	■	□	□
Ladder Logic	■	■	■	■	□
German (language)	■	■	■	□	□

## SOFT SKILLS

Analytical Thinking. Leadership. Communication. Time Management. Decision-Making. Attention-to-Detail. Problem Solving. Creativity.

## ACHIEVEMENTS / CERTIFICATES

- ◇ Registered California EIT: License #165005, passed PE Exam May 2019.
- ◇ Team Lead, Max Tech & Beyond, 2013-2014: DOE funded ultra-low power appliance design competition
- ◇ IEEE & Eta Kappa Nu Member, 2011- present
- ◇ Chevron Technical University Graduate - 2014
- ◇ Fisher Control Valve Training
  - Severe Service
  - Engineering I & II
- ◇ Most recent performance review rating: 1 (best is 1, worst is 3)
- ◇ Roborodentia Robotics Competition – Planning Board Member – 2012, 2014