

# Pete Ruiz

## Electrical Engineer

### Personal Info

#### Phone

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#### E-mail

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#### LinkedIn

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#### Twitter

twitter.com/petezruiz

### Skills

CAD design

circuit development

reverse engineering

Linux

PLC

communication

interpersonal skills

efficiency

Licensed electrical engineer with 4+ years of experience. Seeking to increase efficiency by 25% at Aitchersys Ltd. At Terrtamil NDC, designed electrical circuits that created a 30% efficiency boost to our assembly and installation process. Worked to client requirements to slash costs 15%, resulting in \$50M in new contracts and work.

### License

Licensed Electrical Engineer — Texas PE&LS

### Experience

2015 -  
present

#### Electrical Engineer

*Terrtamil NDC*

- Used CAD to plan, design, and develop electrical systems and installation processes for critical broadcast equipment.
- Re-developed electrical circuits for scientific instruments. Worked with operators to achieve 30% efficiency increase.
- Gathered requirements from clients to cut costs 15%. Contributed to additional awards of \$50M in new contracts.
- Programmed 50+ assembly-line machine processes with PLC.

2014 -  
2015

#### Assistant Plant Engineer

*Robinsys Keyboards*

- Reverse-engineered popular bluetooth keyboard. Product achieved 4.5 star Amazon rating and \$30M in revenue.
- Used CAD to assist with development of circuits for 15 keyboards.
- Helped write & test 25 keyboard drivers with Linux with 20% less errors.

### Education

2013 -  
2014

#### MSE Electrical Engineering, Texas A&M University

Completed a 15-credit project to reverse-engineer a smartphone

2009 -  
2013

#### University of Houston

Pursued a passion for CAD and PLC coursework.

### Certifications

CAD - Autodesk

PLC - PLC Technician Training Center

### Additional Activities

- Member, IEEE. Mentor 20 electrical engineers per year.
- 2019 IEEE Conference. Gave session on CAD.
- Avid road cyclist.