

# Pete Ruiz

Electrical Engineer

## Personal Info

### Phone

210-319-3490

### E-mail

pete@pete.ruiz

### LinkedIn

linkedin.com/in/pete@pete.ruiz

### Twitter

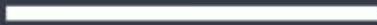
twitter.com/pete@pete.ruiz

## 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 Terramail 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.

## Experience

2015 - present	<b>Electrical Engineer</b> <i>Terramail NDC</i> <ul style="list-style-type: none"><li>Used CAD to plan, design, and develop electrical systems and installation processes for critical broadcast equipment.</li><li>Re-developed electrical circuits for scientific instruments. Worked with operators to achieve 30% efficiency increase.</li><li>Gathered requirements from clients to cut costs 15%. Contributed to additional awards of \$50M in new contracts.</li><li>Programmed 50+ assembly-line machine processes with PLC.</li></ul>
2014 - 2015	<b>Assistant Plant Engineer</b> <i>Robinsys Keyboards</i> <ul style="list-style-type: none"><li>Reverse-engineered popular bluetooth keyboard. Product achieved 4.5 star Amazon rating and \$30M in revenue.</li><li>Used CAD to assist with development of circuits for 15 keyboards.</li><li>Helped write &amp; test 25 keyboard drivers with Linux with 20% less errors.</li></ul>

## Education

2013 - 2014	<b>MSE Electrical Engineering, Texas A&amp;M University</b> Completed a 15-credit project to reverse-engineer a smartphone
2009 - 2013	<b>University of Houston</b> Pursued a passion for CAD and PLC coursework.

## Additional Activities

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

## Certifications

CAD - Autodesk

PLC - PLC Technician Training Center

## License

Licensed Electrical Engineer — Texas PE&LS