

# ALEX LUNDIN

Design Engineer  
Wattstopper, Legrand  
2240 Campbell Creek Blvd  
Plano TX, 75074

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## EDUCATION

*University of Texas at Dallas*  
**Bachelor of Software Engineering**  
Expected graduation 2019

*Dallas Community College District*  
**Associates of Science with Honors**, December 2013, G.P.A.: 3.7/4.0  
Dean's list first semester of college

## PROFESSIONAL SKILLS

4 years	Professional Software Development Experience
4 years	Professional Auto LISP Programming Experience
4 years	Professional AutoCAD Drafting Experience in Lead Drafter Role
4 years	Educational Software Development Experience

<b>TECHNICAL SKILLS</b>	<b>Programming Languages</b> Web Technologies Software	<b>Auto LISP</b> API AutoCAD	<b>Java</b> JSON Bluebeam	<b>C++/C</b> XML Oracle	<b>Python</b> Selenium Visual Studio
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## PROFESSIONAL EXPERIENCE

<b>Wattstopper, Legrand</b>	<b>Design Engineer</b> Plano, Texas	November 2018 - Present
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Areas of operation include:

mitigate key person dependency by creating programming tools for development team. Create workflow processes with regression tests, unit tests and architectural documentation. Version control management in Git and Mercurial.

Work habits:

Top performer, project management expertise, risk mitigation and process improvement.

<b>Wattstopper, Legrand</b>	<b>CAD Operator</b> Plano, Texas	October 2014 – November 2018
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Areas of operation included:

developed LISP programs to optimize throughput for the entire Engineering team, held monthly meetings to demonstrate new functionality to customers, created function library to streamline code process, wrote modular based code for junior members to use as building blocks.

Work habits:

Self-starter, self-taught in AutoCAD LISP language. Became the lead developer for Legrand's AutoCAD LISP projects.

<https://www.legrand.us/wattstopper.aspx>

<https://bitbucket.org/AlexLundin10202014>

<https://github.com/AlexLundinEducational>

## KPI (Key Performance Indicators)

Developed my own regression test suite, built from standard coding style, test loader, test executer and output analysis.

Reduced dollar impact of low-quality releases from 300 hours to 30 hours.

Wrote 20,000 lines of LISP code while pursuing bachelor's degree of Software Engineering.

## PROFESSIONAL ACHIEVEMENTS

Developed function library from scratch.

Reduced data entry for entire Engineering team with LISP programs.

Created software package to draw the entire electrical system for large buildings.

Developed 3 different, electrical system risers.

Managed AutoCAD system for 60+ customers.

Interfaced with Regional Managers to design tools that best serve the end users.

Documented Software functionality with screencast video recorder.

## Samples of Work

Attached a separate document