

ALEX LUNDIN

Design Engineer
Wattstopper, Legrand
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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

TECHNICAL SKILLS

Programming Languages
Web Technologies
Software
Computer Expertise

Auto LISP
API
AutoCAD
Windows Batch Scripting

Java
JSON
Bluebeam

C++/C
XML
Oracle
Excel

Python
Selenium
Visual Studio
CSV

PROFESSIONAL EXPERIENCE

Wattstopper, Legrand

Design Engineer
Plano, Texas

November 2018 - Present

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.

Wattstopper, Legrand

CAD Operator
Plano, Texas

October 2014 – November 2018

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 executor 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

Screenshots

Attached at a separate document

References

Attached at a separate document