

ALEX LUNDIN

CAD Operator
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 EXPERIENCE

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

TECHNICAL PROFICIENCIES

Process Models
Programming Languages
Web Technologies
Desktop Software

Agile
Java
JSON
Oracle DB

TDD
C++/C#
Dropbox
AutoCAD

Spiral
Python
API
Bluebeam

Maintainability
LISP
XML
Inventor

PROFESSIONAL EXPERIENCE

Wattstopper, Legrand

CAD Operator
Plano, Texas

October 2014 - Present

- o develops LISP programs to streamline workflows
- o interprets AutoCAD .chm design document for solution design
- o estimates time frame of project Lifecycle from design to deployment
- o creates test sets around base functionality to ensure releases are high quality
- o maintains existing function library to reduce technical debt

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

KPI (Key Performance Indicators)

- o Wrote 20,000 lines of LISP code while pursuing bachelor's degree of Software Engineering.
- o Reduced time impact of low-quality releases from 300 hours to 30 hours.

PROFESSIONAL ACHIEVEMENTS

- o Self-taught in the LISP programming language
- o Reduced data entry for entire Engineering team with LISP programs.
- o Created script writer to automate common tasks for Electrical Engineers

EDUCATIONAL EXPERIENCE

University of Texas at Dallas

Software Engineer
Richardson, Texas

January 2015 - Present

- o Uses project management techniques for monitoring project timelines
- o Creates work breakdown structure and burndown chart for major projects
- o Implements Test Driven Development techniques to maintain existing software projects
- o Creates git repository for each semester to ensure all work is backed up, in multiple places