

Alexander Lu

LinkedIn: <https://www.linkedin.com/in/alexander-lu-361599228/>

GitHub: <https://github.com/alui868>

PROFESSIONAL EXPERIENCE

Wells Solar, Austin, TX — Site Surveyor & Designer

July 2020 - PRESENT

Completed CAD design layouts for PV systems and electrical retrofitting for residential homes and local businesses in the central Texas region. Designs included PV layouts, electrical mapping, land/building surveying

Dusty Mesa, Austin, TX — Executive Producer

July 2018 - PRESENT

Independent short film production. Responsibilities include: various production roles, technical production, coordinating staff, scheduling shoots, location scouting, production management.

- Dances with film 2018, Best “Down Beat” (Music Video) [Track 1]
- Vimeo Short of the week June 2020 [Prisoner’s Song]
- Vimeo Staff Pick June 2020 [Prisoner’s Song]

Mathnasium of Oak Forest, Houston, TX — Math Tutor

April 2018 - January 2020

Provided math tutoring services to students from elementary school to college level courses.

Chinese Community Center, Houston, TX — Math Teacher

March 2016 - August 2016

Developed Math lesson plans alongside Houston Children’s Museum and conducted activities in a classroom setting from ages 5 to 13.

EDUCATION

University of Texas Coding BootCamp, Austin, TX — Full Stack Web Developer Certification

Graduated: July 2022

Stephen F Austin High School, Sugarland, TX — High School

Graduated: June 2016

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LANGUAGES

HTML5 | CSS3 | JavaScript |
ES6 | SQL

FRAMEWORKS/LIBRARIES

Node.js | React.js | Express.js |
jQuery | Bootstrap | TailWind

DATABASE

MySQL | Sequelize | MongoDB
| Mongoose | Indexed DB

TOOLS/CONCEPTS

Git | VS Code | Responsive
Design | REST API | MVC |
MERN Stack | Object Oriented
Programming | Jest | JSON |
Web Tokens

DESIGN TOOLS

AutoCAD | SketchUp | Layout |
Makertbot3D | Solidworks |
Scanify | Altura Drones |
Aurora Solar | PV Watts |
Unirac Design Tool