ALVARO LUNA

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github.com/alvaroluna
1 630 520 5943

SAN FRANCISCO
CA USA

EXPERIENCE

02/19- 02/20

WeWork
Design Technology Lead

At WeWork, I am leading the development of a new platform called LevelUp which uses our laser scan data to generate accurate material and labor estimates for floor leveling. We estimate that this tool will save the company nearly $20M a year in change orders and wasted material.

In addition, I am developing an automation tool for designing and fabricating the glass and metal partition walls used throughout WeWork spaces. This new plug-in will also reduce waste and dramatically improve the fit and finish of our system in the field.

04/18- 02/19

Adrian Smith + Gordon Gill Architecture
Computational Designer

AS+GG is an award-winning, international architecture firm specializing in super-tall, high-performance buildings. As a Computational Designer, I created plugins to assist designers in curtain wall automation and optimization, focusing in particular on being able to accurately translate complex geometric data from Rhino for documentation in Revit.

01/17- now

OBJECTIVE APPLICATIONS
Founder | Design + Automation

Objective Applications is a computational design and digital fabrication consultancy, that partners with architects, designers, and fabricators to build custom digital tools to help realize complex, technically demanding projects.

08/13- 1/17

Semios Studios + Fabric Images
Design | Research & Development

Semios Studios is a design innovation lab with a direct connection to the fabrication facility of our parent company, Fabric Images. This relationship allows us to provide our clients with integrated design-build solutions. We develop products, design spaces, and assist other designers with the fabrication of their designs.

EDUCATION

Univ. Of Illinois At Urbana-Champaign
B.S. | Architectural Studies | High Honors

Univ. Of California, Berkeley
Cert. | Full Stack Coding Boot Camp

SKILLS

5 yrs Python
5 yrs Rhino + Grasshopper
5 yrs Rhinocommon API | Python
5 yrs Digital + Analog Fabrication

4 yrs Revit + Dynamo
4 yrs Revit API | Python
4 yrs Project Management + Estimating
4 yrs Product Design + Research
2 yrs C#
2 yrs Navisworks

1 yr SQL
1 yr Javascript | NodeJs | Deck GL
1 yr Autodesk Forge

RECOGNITION

Winner Data Cult XV (2019)
1st Place IFAI Industrial Fabrics Award 2016 & 2017
2015 Core 77 Design Awards winner for Hatch
Phi Theta Kappa Honor Society

LANGUAGES

Fluent English + Spanish