Ao Li
Frontend Web Developer / UX Engineer

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Portfolio Website: https://leonine2021.github.io/portfolio/

A tech-holic bridging technology and aesthesis, seeking data-driven, user-centric technology and design solutions

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SKILLS

Coding
- **Front End**: CSS, HTML, Javascript
- **Frameworks**: React, jQuery, D3.js, Bootstrap
- **Backend**: Javascript, Python
- **Database**: MongoDB, MySQL
- **Other**: C#, Tenserflow Keras

Design
- **UX Design**: Figma, Sketch, Adobe Suites
- **3D-Modeling**: Rhino + Grasshopper, Blender
- **General Design Skills**: Hand Sketching, Fast Iteration
- **Other**: Parametric Thinking

EDUCATION

Harvard University
Graduate School of Design

Design Studies -- Technology, Cambridge | 2017.09 - 2020.05

Key Course Taken:
- Data Visualization
- Introduction to Data Science
- Data Science Advanced Topics
- Computational Design
- Introduction to Machine Learning (MIT cross-registration)

Featured Projects:
- Graph to Plan: A deep learning model using Graph Convolutional network to translate a graph into a floor plan
- QI: An AR protptype for visualizing spatial environmental data

MIT Professional Certificate
Full Stack Development with MERN

Online, in progress | 2021.08 - 2022.05

Udemy Bootcamp
Full Stack Web Developer 2021

Online | 2021.07 - 2021.10

- Built, tested and deployed a web application with full CRUD and user authetication & authorization functionalities, using the MERN stack

LaiOffer Bootcamp
AI and Data Engineering

LaiOffer online | 2020.05 - 2020.10

EXPERIENCE

Frontend Developer / Internal Tools
Transsolar.Inc, New York | 2020.07 - present

- Setting up pipelines for collecting, cleaning, analyzing and visualizing data on daily basis
- Created a web application using React and D3.js for filtering and visualizing weather data, improved the climate analysis efficiency by over 30% for the engineering team
- Developed a front-end tool for quicker input looking-up and comparison, using jQuery and D3.js, saving over 50% time needed for a typical simulation workflow

Freelance Frontend Developer
Place.Int, Shanghai | 2020.01 - present

- Implemented a client-side data dashboard, using Three.js and jQuery, to visualize real-time customer data from backend API for a commercial real-estate company, improved the decision making process basd on related data