LIN JIANG
Front-End Developer

✉ linj2@illinois.edu ▤ Portfolio: https://www.gingerland.io/ 📞 (217)904-0965 📍 Champaign, Illinois

WORK EXPERIENCE

Web Developer & Research Assistant
WaterLab

📅 October 2020-current   📍 Chicago / Champaign, IL

- Redesign the user interface and user experience of the Water Lab official website using Figma, and conduct website user research with target users in stormwater management community.
- Build and maintain the Water Lab official website using Javascript/HTML/CSS. The new version webiste is succesfully released and I'm currently building a headless CMS system for it.
- Develope a interactive Green-Stormwater-Infrastructure-Design-Toolkit Web Application using framework ReactJS and ThreeJS. This application enables stormwater managers to input site condition and and get GSI recommendation and visualized 3D models. As a web-app developer, I collaborate with a large reseracher and scientist team to translate their discovery into real-world web-tools that average citizens could use. Our team including urban planners, stormwater experts, and civil engineers .etc.
- Design the Green-Stormwater-Infrastructue toolkit website when collaborating with Illini-extension team using Figma
- Doing stormwater, green-infrastructure and climate change reasearch

Data Analyst Intern
Landuse Evolution and Impact Assessment Model Lab

📅 August 2020-December 2020   📍 UIUC Research Park, Champaign, IL

- Mine and clean urban business data of Stockholm City using python and jupyter notebook. Regularly meeting with collaborators from Stockholm University and Urban Planning Institutions to present the data analysis result.
- Do geo-data mapping and analysis using ArcGIS
- Develop a small webCrawler app to automate the process of data web-scraping, which improves work efficiency of the team

PROJECTS

Please go to my portfolio website : **https://www.gingerland.io/**

Featured Projects:
- **Water Lab Official Website** (Javascript, HTML, CSS, Jquery)
- **GSI Design Toolkit** (ReactJS, Node, Three.js, MaterialUI)
- **Chicago interactive flooding map** (Javascript, Leaflet.js, D3, PlotlyJS)
- **Wiki Graph** (C++, Graph Algorithms)
- **Portfolio Website** (Next.js, RestfulAPI, Strapi,TailwindCSS)

EDUCATION

Univerysity of Illinois at Urbana-Champaign
College of Fine + Applied Arts,
Master of Landscape Architecture
(Thesis Track - Computational Design)

📅 August 2017-May 2020
Department Valedictorian at 2020

📅 May 2020 - May 2022
Coninuting studying computer science, data science and work as lab researcher

Shenyang Jianzhu University
Bachelor of Agriculture
(Landscape Architecture Path)

📅 September 2011-July 2015

School CS Classes:
- UIUC CS 125 Intro to programming/Java
- UIUC CS 225 Data Structure/C++
- UIUC CS 411 Database System
- UIUC CS 465 User Interface Design
- UIUC CS 498 Virtual-Reality

Online CS Certificates:
- Coursera:Python for everyone
- Udemy: Web-development bootcamp
- Udemy: The modern React bootcamp
- Udemy: The modern Javascript bootcamp
- Udemy: The Git and Github bootcamp

SKILLS

- **Front End Skills:**
  Javascript, Typescript, HTML, CSS, ReactJS, Node.js, GIT, Restful API, SQL, Next.js, Material UI, Bootstrap, TailwindCSS

- **Language Experience:**
  Javascript (prefer), Python, Java & C++ & C# (only used for school projects), Processing, Netlogo

- **UX-Design:**
  Figma, balsamiq, Illustrator