

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 website is successfully released and I'm currently building a headless CMS system for it.
- Develop a interactive Green-Stormwater-Infrastructure-Design-Toolkit Web Application using framework ReactJS and ThreeJS. This application enables stormwater managers to input site condition and get GSI recommendation and visualized 3D models. As a web-app developer, I collaborate with a large researcher 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-Infrastructure toolkit website when collaborating with Illini-extension team using Figma
- Doing stormwater, green-infrastructure and climate change research

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

University 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
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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

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Champaign, Illinois

WORK EXPERIENCE

Web Fullstack Developer & Trainer

Beaconfire - (A IT consulting company)

 Oct 2022- Present  East Windsor, NJ

- Developing the online learning platform, implemented the mock interview and learning content management system.
- Participating development the UIs and APIs of application page and housing page of HR system.
- Proficient in Javascript, React, Redux, Node, and MongoDB. Created Curriculum and give lectures in a MERN stack coding bootcamp. Managed a bootcamp training program with 20-student size.
- Measuring and Optimizing performance by using Lazy Loading and React profiler and memoization hooks.
- Implementing TDD and write unit test using Jest and Mocha.
- Applied agile methodologies and experienced with git.

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- Version Control and Cloud:

GIT, AWS

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- Version Control and Cloud:

GIT, AWS S3, Lambda, EC2

- Language Experience:

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- UX-Design:

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