Jack Li

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EDUCATION

Yale University: B.A. in Computing and the Arts (2023)

Relevant Coursework: Introduction to Computing and Programming, Data Structures and Algorithms, Systems Programming and Computer Organization, Object Oriented Programming

GPA: 3.9 / 4.0

PROJECTS

New Trier Coalition for Diversity (ntdiversity.com)   July 2020 - Present

Web Developer (Full Stack) and UX/UI Designer

- Solo built from the ground up a responsive website for an organization that aims to bring racial diversity training to high schools.

- Coordinated with outreach team to implement and devise custom branding strategies, drawing in 50+ representatives in 4 months.

- Designed assets in figma and created website using HTML/CSS/Javascript.

Nebulus   April - May 2020

- Conceptualized and built from the ground up a narrative, user-controlled experience.

- Designed and implemented a system of multiple state machines and worked with instances of objects to maximize program efficiency and programmed data structures to hold assets. Implemented object oriented design for codebase scalability.

- Assets created using Adobe Photoshop, and experience built using C# and Unity.

WORK EXPERIENCE

Yale Undergraduate Research Association   January 2021-Present

Web Developer (Full Stack)

- Worked on a team to build the Yale Research Database website from the ground up. Set up backend skeleton through models, forms, templates, and routing. Slashed mobile site bugs by 60%.

- Initiated backend build of the website, allowing site to host research from 1400+ professors across 60+ fields. Greatly improved user experience by implementing a system allowing researchers to directly their database entries on site.

- Backend created using Python/Django and frontend created with HTML/CSS/Javascript.

Yale University Science Olympiad (yuso.yale.edu)   September 2020 - February 2021

Web Developer (Front End) and UX/UI Designer

- Collaborated with a team of students using git version control to build from the ground up Yale Undergraduate Science Olympiad's site

- Sky-rocketed signup rates from previous years by 280% (from 7 states to 20 states) by modernizing our site.

- Designed assets in figma and created website using React, React Hooks and Typescript

Librex   September 2020 - December 2020

UI/UX Designer

- Collaborated with a team of students to develop an anonymous forum startup with over 5000 active users.

- Directly communicated essential design details and feature suggestions with founder and directed design and implementation of multiple features to significantly increase user engagement.

-Actualized the design for many key features, including dark mode, image compatibility, and profile pages.

TECHNICAL SKILLS

Languages: C, HTML/CSS/Javascript, C++, C#, Python

Libraries: React, STL, Typescript, Django

Additional Tools: Unity, Figma, Photoshop, Illustrator, Git

EXTRACURRICULAR

Lead background artist for Amorieum Labs, Graphic Designer for Yale Science Olympiad, Active designer for Yale UXSociety