

JOSHUA N HSU (he/him)

SOFTWARE ENGINEER | EDUCATOR | STORYTELLER

[GITHUB](#) | [LINKEDIN](#) | [PORTFOLIO](#) |

I am an emerging software engineer with a demonstrated history in education and arts management, vision building, and design. I am excited by and enjoy working on innovative, immersive, collaborative projects that spark curiosity, creativity, and conversation.

SKILLS

Programming Languages - JavaScript, HTML, CSS, Python, SQL, Typescript, EJS, DTL

Libraries and Frameworks - React, Express.js, Django, JQuery, Bootstrap, Mongoose

Database and CRMS - PostgreSQL, MongoDB, Oracle, Hubspot (CRM)

Tools: Web and Application Architecture, Git, REST, JSON, NPM

Other Skills: Vision Building, UX/UI Design, Team Management, Public Speaking

Languages Spoken: English, Mandarin, Cantonese

PROJECTS

[Chef's Kiss](#) | A full-stack app that allows users to search for restaurants in a given area, save a restaurant to a list, and add their own impressions.

- Wire-framed, developed, and coded the front-end infrastructure and integrated it with a 3rd Party API and back-end coded by another backend engineer
- Leveraged MongoDB, Express.js, React, Node.js, (MERN), and the Yelp Fusion API

[Mingo](#) | A minimalist, text-based app that allows O-Auth users to create subject-based posts and respond with comments.

- Served as project lead for a team of two other front-end/back-end developers
- Created a full-stack app using MongoDB, Mongoose, Express.js, and Nodes.js

[Blackjack](#) | Coded game logic with object-oriented programming (HTML, CSS, and Vanilla JS)

- Built a web application rendered with animations, flexbox, and grid using HTML and CSS
- Utilized Vanilla JS with object-oriented programming for computer interactions

EXPERIENCE

SENIOR INSTRUCTOR/SUBJECT SPECIALIST, ARBORBRIDGE, 2015 - PRESENT

- Identify, solicit, and maintain a worldwide network of hundreds of leads and referrals
- Demonstrate and maintain mastery of over 20 undergraduate and graduate tests/subjects
- Establish a framework to deliver concierge-level service and individualized programs for clients
- Leverage HubSpot alongside proprietary CRM to manage and evaluate projects
- Develop instructional best practices, including interviewing, training, managing, mentoring, and evaluating over 30 instructors

CO-FOUNDER/EXECUTIVE PRODUCER, BROWN/HSU FILMS, 2013-2016

- Pinpoint, cultivate, and secure funding and diverse talent
- Ensure compliance with financial protocols and organizational budgets
- Oversee personnel actions and key partnerships, including contracts and memos of understanding

EDUCATION

GENERAL ASSEMBLY, Software Engineering Immersive

UNIVERSITY OF CALIFORNIA, IRVINE, Masters of Fine Arts, Directing

SUNY NEW PALTZ, Bachelor of Arts, Lighting Design

SUNY NEW PALTZ, Bachelor of Arts, Acting