JOSHUA N HSU (he/him)
SOFTWARE ENGINEER | EDUCATOR | STORYTELLER   PORTLAND, ME
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I am a software engineer with a demonstrated history in education and arts management, vision building, and instructional design. I am excited by and enjoy working on innovative, immersive, collaborative projects and products that spark curiosity, creativity, and conversation. I am passionate about leveraging technologies to empower people to create, share, and tell their stories.

SKILLS
Programming Languages - JavaScript, HTML, CSS, Python, SQL, Typescript, EJS, DTL
Libraries and Frameworks - React, Express.js, Django, jQuery, MaterialUI, Bootstrap, Tailwind, Materialize, Mongoose
Database and CRMS - PostgreSQL, MongoDB, Oracle, HubSpot (CRM)
Tools: Web and Application Architecture, Git, REST, JSON, NPM
Other Skills: Vision Building, Design, Team Management, Public Speaking
Languages Spoken: English, Mandarin, Cantonese

PROJECTS
Lesson Note Generator | A mobile-ready, responsive full-stack CRUD application that offers educational professionals an integrated platform where they can effortlessly create student rosters, outline detailed concepts to be covered, record homework performance, document lesson discussions, and assign future tasks with ease.

- Fully developed and coded all elements using Django, Python, PostgreSQL, and Bootstrap CSS
- Integrated OpenAI to generate summaries

Chef's Kiss | A mobile-responsive full-stack application that allows users to search for restaurants in a given area, save a restaurant to a list, and add their own impressions.

- Coded the front-end infrastructure and integrated it with a 3rd Party API and back-end
- Leveraged MongoDB, Express.js, React, Node.js, (MERN), and the Yelp Fusion API

Mingo | A mobile-responsive, minimalist, full CRUD, text-based app that allows O-Auth users to center conversations around subject-based posts and respond with comments.

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

Blackjack | Coded game logic with object-oriented programming

- Built a web application rendered with animations, sound, 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

EXPERIENCE (Continued)

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

- Pinpoint, cultivate, and secure funding and diverse talent
- Manage teams of production staff and 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 Remote
UNIVERSITY OF CALIFORNIA, IRVINE, Masters of Fine Arts, Directing
SUNY NEW PALTZ, Bachelor of Arts, Lighting Design
SUNY NEW PALTZ, Bachelor of Arts, Acting