HAN LU

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EDUCATION

Fullstack Academy · July 2022 to Dec. 2022
Certificate in Software Engineering

Burrell College of Osteopathic Medicine · July 2020 to Apr. 2022
D.O. Medicine

New York University / College of Arts and Sciences · Sept. 2015 to May 2019
B.A. Chemistry 2019

EMPLOYMENT

GigFinesse
Software Engineering Intern · Oct. 2022 to Current · New York, NY
-Working with a small team of three engineers in a music startup that streamlines the booking process between artists and venues
-Developing and releasing new features for the internal booking software including a new dark mode feature and design revamps
-Creating new customization modes for embeddable widgets for venue clients to allow further tailoring of the show calendar design on the venue's own website
-Developing a new reservation system for venues with free entrance using Python, Django and AWS S3

mia NYDC
Chief Operational Officer/Co-Founder · May 2017 to Dec. 2019 · New York, NY
-Handled all event operations (concerts, pop-up shows, collection launch parties, collaborations, merchandise distribution), managed finances, and directed day-to-day operations (clothing shipment, retail store networking, production site negotiation, merchandise sales)
-Managed all company inventory/merchandise, constructed budget tables, created/recorded expense reports, and managed social media accounts
-Photographed and styled clothing models, used image-editing software, and created modern product webpages with integrated media

Mount Sinai Hospital
Research Assistant · Aug. 2017 to Sept. 2018 · New York, NY
-Screened patients for health studies, collected medical data, and surveyed providers
-Assisted in clinical research projects to improve precision and quality of patient care
-Shadowed emergency department physician rounds and provided non-clinical patient assistance
-Liaison between healthcare research leads, ED attendings, and patient advocates

PROJECTS

Goji (Dog-walking App)
Nov. 2022 to Dec. 2022
-Designed modular React components to implement efficiently rendered, modernized user interfaces
-Collaborated with a cross-functional team to design optimal flow structure and state management for a consistent user experience
-Incorporates React, Redux, Sequelize, Google Maps API, Travis CI, JWT and Bcrypt, styled with Material UI

RSVP App
Feb. 2023 to Mar. 2023
-Constructed a reservation app for client venues' non-registered events using Django and Python used with PostgreSQL
-Deployed with Render, incorporates AWS S3 to store user (admin) uploaded media files

Portfolio Website
Feb. 2023 to Mar. 2023
-Built using Typescript, React, Next.js, HTML, and CSS, with styling done through Material UI and SASS/SCSS
-Incorporated HTML canvas and tsparticles library for visual effects
-Deployed using Vercel

ACTIVITIES/VOLUNTEERING

Neuroscience Interest Group (at Burrell College) · President
Mar. 2021 to 2022
-Liaison between neuroscience community, specialized neuro physicians (neuropathologists/neurosurgeons) and interested medical students
-Networked students with academic and clinically associated neurologist/neuroscience organizations for residency and career prospect insight

Youth Medical Explorers (at Burrell College) · Co-Chair/Coordinator
May 2021 to 2022
-Introduced local high school students to different sectors of the healthcare community and medical roles
-Mentored high school students on basic medical principles (ie basic life and airway support, CPR, emergency response, medical device usage, EKG introduction)
-Directed Q&A sessions between physicians (ie OB-GYN, anesthesiologist) and interested high school students

New Mexico Department of Health · COVID Vaccine Inoculator
Feb. 2021 to May 2021 · New Mexico
-Administered intramuscular Pfizer, Moderna and J&J vaccinations for NM citizens

New York Cares · Volunteer
Aug. 2019 to Current · New York, NY
-Organized food pantries and served at soup kitchens for underserved sectors of the NYC community throughout the COVID pandemic
-Tutored public school children (from elementary to high school) in literature and math courses, facilitated artistic school projects in art and dance
-Assisted elderly adults with technological literacy, helped teach adult learners to build resumes and learn fundamental math concepts for job-searching

SKILLS

COMPUTER LANGUAGES: Javascript, Python, HTML, CSS, BASIC
FRAMEWORKS/LIBRARIES: Express.js, Next.js, React, Redux, Sequelize, Chai, Jasmine, Mocha, Material UI, Socket.IO, Bcrypt
DATABASE/TOOLING: PostgreSQL, SQL, Firebase, Git, Node.js, Vercel, Webpack, Babel, Heroku, Docker, Travis CI, JSON Web Tokens, AWS, S3
SPOKEN LANGUAGES: English, Chinese (Mandarin)