Connie H. Lok

FULL STACK SOFTWARE ENGINEER

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TECHNICAL SKILLS

- Proficient: JavaScript, Node.js, Express, React, Redux, HTML, CSS, RESTful API, Sequelize, Git, Material UI, OAuth, Heroku
- Familiar: SQL, PostgreSQL, AWS Lambda, Amazon DynamoDB, Amazon API Gateway, TDD, Jest, Mocha, Chai, Enzyme, Jasmine, Webpack, Travis CI

PROJECTS

LIFT LOG   JUL 2020
Full Stack Developer
Github: rb.gy/xqkmog | Website: lift-log-pro.herokuapp.com

- A web application that automatically logs weightlifting exercises in real-time as a user is working out
- Integrated machine learning model in React app in order to recognize poses and save exercise information to database
- Developed using Teachable Machine by Google, Node.js, Express, Sequelize, React Hooks, and Material UI

SECRET APP   JUN 2020
Sole Developer
Github: rb.gy/fjdu9q | Website: keepitsecret.netlify.app

- A serverless web application that allows users to share encrypted secret messages via a unique verification code
- Developed using AWS Lambda, Amazon DynamoDB, Amazon API Gateway, React, and Material UI

PANDEMIC ESSENTIALS   JUN 2020
Full Stack Developer
Github: rb.gy/keatkh | Website: pandemic-essentials.herokuapp.com

- An e-commerce site that offers a customized shopping experience based on guest, customer, or admin roles
- Implemented persistent cart functionality using local storage for guests and SQL database for logged-in customers
- Set up authentication via local email and password, and Google OAuth using Passport.js
- Developed using Node.js, Express, Sequelize, React, and Redux

EXPERIENCE

ELECTRICAL ENGINEER   FEB 2016 – FEB 2020
AKF Group, New York, NY

- Managed manpower and staffing requests for 3 engineers as Group Coordinator
- Designed power, lighting, and fire alarm system drawings for master renovation of 59,000 sq. ft. nursing home
- Co-created internal mentorship program to enhance onboarding process for approximately 20 entry-level engineers
- Collaborated with engineering peers on healthcare facilities and central utility plant projects, in addition to partnering with external stakeholders such as owners, architects, contractors, vendors to coordinate building design

EDUCATION

THE GRACE HOPPER PROGRAM AT FULLSTACK ACADEMY   MAR 2020 – JUL 2020
Immersive software engineering and web development program

CITY COLLEGE OF NEW YORK CUNY   AUG 2011 – DEC 2015
Bachelor of Engineering, Electrical Engineering

VOLUNTEER

MENTOR, ACE Mentorship Program   JAN 2019 – FEB 2020

- Guided approximately 30 high school students in understanding the design and construction industry
- Advised students through a successful mock design and presentation of a commercial and residential building

PRESIDENT, Habitat for Humanity Campus Chapter   AUG 2012 – MAY 2015

- Founded City College's campus chapter of Habitat for Humanity
- Awarded Club of the Year (2013 & 2015) and Outstanding Achievement Award (2014)
- Planned 2-3 volunteer, fundraiser, or advocacy events per month and an annual Spring Break volunteer trip

HONORS & CERTIFICATIONS

- FE, Electrical and Computer
- Tao Beta Pi, The Engineering Honor Society