

Connie H. Lok

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Technical Skills

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

Projects

E-COMMERCE WEBSITE – PANDEMIC ESSENTIALS, Full Stack Developer JUN 2020
GITHUB: [rb-gy/keatkx](https://github.com/rb-gy/keatkx) | WEBSITE: pandemic-essentials.herokuapp.com

- A single page application that offers a customized shopping experience based on guest, customer, or admin roles
- Implemented persistent cart functionality using local storage for guests and PostgreSQL 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

SECRET APP, Sole Engineer JUN 2020
GITHUB: [rb-gy/fjdu9q](https://github.com/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

LIFT LOG, Full Stack Engineer JUL 2020
GITHUB: [rb-gy/xqkmog](https://github.com/rb-gy/xqkmog) | WEBSITE: lift-log-pro.herokuapp.com

- A web application where users can record themselves while weightlifting and see their workouts automatically logged
- Integrated machine learning model in React app in order to recognize weightlifting poses and save exercise information (type of exercise, number of repetitions, number of sets, and weight used) to database
- Developed using Teachable Machine by Google, Node.js, Express, Sequelize, React Hooks, and Material UI

Experience

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

- 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 | New York, NY MAR 2020 – JUL 2020
Immersive software engineering program

CITY COLLEGE OF NEW YORK CUNY | New York, NY AUG 2011 – DEC 2015
Electrical Engineering, B.Eng

Volunteer

MENTOR, ACE Mentorship Program JAN 2019 – FEB 2020

- Advised around 30 students through a successful mock design and presentation of a commercial/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 and Certifications

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