Mark Lee

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FULL STACK SOFTWARE ENGINEER

Recent engineering graduate with 1.5 years experience as an Angular / NodeJS developer and a portfolio that displays my ability to assess user needs to create a user-centric full-stack application.

TECHNICAL SKILLS

Javascript, Typescript, Angular, HTML, CSS/SCSS, NodeJS, ExpressJS, MongoDB, Git / Github

PROJECTS

Booking App *Angular, Typescript/ES6, HTML, SCSS, Socket.IO, Google Maps / Calendar API, Stripe API*   August 2018 – Present
- Inspired by a freelance offer to improve a cleaning services website design wise as well as to integrate Google Calendar and Stripe payment processing service into existing app infrastructure.
- Created Socket.IO connection to Google Maps API to dynamically fetch user location by zip-code input.
- Mobile first & Test Driven Development. Extensive use of unit tests to ensure code integrity and cleanliness.

Class Scheduler *Angular, Typescript/ES6, HTML, CSS, Bootstrap, Firebase, Amazon S3*   December 2017 – March 2018
- Communicated with and assessed teacher needs to create an app with a familiar UI to ease user transition.
- Convinced 7/9 schools to adopt app to streamline scheduling processes; met with positive feedback.
- Obtained valuable experience in compatibility design, especially for mobile & legacy browsers support.

Password Keychain *NodeJS, ExpressJS, MongoDB, Mongoose, Angular, Heroku, Postman, Robo3T*   May 2018 – July 2018
- A password manager that generates, encrypts, and stores random, strong passwords.
- Gained valuable knowledge of security by creating refresh tokens, hashing passwords, and CORS headers.

WORK EXPERIENCE

Minamisatsuma City Board of Education   Kagoshima Prefecture, Japan
Assistant Language Teacher (ALT)   August 2016 – July 2018
- Took initiative in creating a modern web app to replace the inefficient fax system for scheduling & planning.

Dynamo Micropower   Somerville, MA
Electrical Engineering Co-op   January 2015 – June 2015
- Managed the testing and operations of heater unit as well as the design and creation of its control panels.

Jacobs – Kling Stubbins   Cambridge, MA
Electrical Engineering Co-op   January 2014 – June 2014
- Created an AutoCAD script that reduced the workload duration of a repetitive task from ~30mins+ to 2 mins.

EMC Corporation   Hopkinton, MA
Hardware Logic Design / Co-op   January 2013 – June 2013
- Oversaw testing & analysis of EMC units with new Intel CPUs and effectively communicated results.

EDUCATION

Northeastern University   Boston, MA
Bachelor of Science in Electrical Engineering   May 2016
with minor in Business Administration   GPA: 3.44

SKILLS / INTERESTS

Regularly play and watch basketball (NBA). Can speak / read Japanese at an intermediate level. Can speak Cantonese conversationally. Currently learning Korean. Always on the look out for delicious dishes to recreate.