

Mark Lee

Full Stack Web Developer
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TECHNICAL SKILLS

Javascript, Angular, HTML, CSS, Bootstrap, NodeJS, ExpressJS, MongoDB, Git / Github

PERSONAL PROJECTS

ALT Scheduler (2017-2018)

- Scheduling and class planning web app for the Japanese school system in Minamisatsuma City
- Utilizes Angular, Typescript/ES6, HTML, CSS, Bootstrap, Firebase, Amazon AWS

Password Keychain (2018)

- A password manager that generates, encrypts, and stores random, strong passwords.
- Utilizes NodeJS, ExpressJS, MongoDB, Mongoose, Javascript, Angular, HTML, CSS, Bootstrap, Heroku
- Testing tools used: Postman, Robo3T

WORK EXPERIENCE

Minamisatsuma City Board of Education

Kagoshima Prefecture, Japan

Assistant Language Teacher

August 2016 – July 2018

- Instructed and co-instructed English as a foreign language to nine schools of varying sizes and environments
- Collaborated with Japanese officials to translate description pieces for museum exhibits from Japanese to English
- Worked closely with and coached a student to a top 4 finish at a prefecture wide English speech competition
- Took initiative in surveying the satisfaction level of the fax system in all nine schools and promptly created a modern web app to replace the inefficient old system

Dynamo Micropower

Somerville, MA

Electrical Engineering Co-op

January 2015 – June 2015

- Was fully responsible for the operation and maintenance of heater unit
- Collaborated with engineering teams to create control panels and diagrams for existing and future test setups
- Worked with vendors in researching and selecting appropriate wiring harnesses to be used in future production
- Created the company's first comprehensive onboarding document
- Helped organize the company's participation in MIT's career fair and acted as a representative for the company

Jacobs – Kling Stubbins

Cambridge, MA

Electrical Engineering Co-op

January 2014 – June 2014

- Lead and assisted in the design of electrical infrastructure of various buildings using AutoCAD and Solidworks
- Worked closely with architects and mechanical engineers throughout various stages of projects

EMC Corporation

Hopkinton, MA

Hardware Logic Design

January 2013 – June 2013

- Oversaw testing on priority units using new Intel CPUs, working with Intel engineers and EMC management
- Wrote technical powerpoints used to effectively communicate results obtained from testing

EDUCATION

Northeastern University

Boston, MA

*Bachelor of Science in Electrical Engineering
with minor in Business Administration*

May 2016