Matthew Sze

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Website: mattsze.com

TECHNICAL SKILLS

- **Proficien**t: in Node, JavaScript, HTML5, CSS3, Git, Express, MATLAB, VBA
- **Familiar**: Java, Python, C, Typescript

WORK EXPERIENCE

Software Engineer   09/2022-Present
*MIT Lincoln Laboratory***,** Piscataway, NJ
- Software Engineer in the Artificial Intelligence and Algorithms group

Front End Engineer   08/2021-09/2022
*Colgate Palmolive***,** Piscataway, NJ
- Responsible for leading front-end redesign effort for business to business Vet portal eCommerce site
- Assisted Colgate's UX team in creating mockups that would help be implemented for redesign
- Led efforts in helping build an application road map with regards to upgrading redesign and legacy code refactoring
- Implemented enhancements on Colgate's direct to customer eCommerce Pet Parent site using Typescript and Angular

App Development/Process Engineer   06/2019-08/2021
Lummus Technology, Bloomfield**,** NJ
- Developed an IT tool rating system that allowed users to rate tools of interests for the engineering team. Created with Javascript, React, PostgresSQL, Express, Redux, Node,
- Created a low code solution Application Library using Microsoft PowerApps, that successfully display Lummus' in-house applications.
- Orchestrated the usage and training of Azure Devops for the App Development Team

PROJECT

Learn It - Live Demo | Github Repo
- Designed a crowd sourced live streaming platform that allows students to learn from and contribute to the best teachers on the web.
- Tools used: HTML5, CSS3, JS, PostgreSQL, Express, React, Node, WebRTC, Materialize, Socket.io, Amazon S3 API, Stripe API

Financial Freedom Dashboard - Live Demo | Github Repo
- Created a data visualization web app that allows users to track their ability to reach financial independence
- Tools Used: HTML5, CSS3, JS, Express, React, Node, Redux, Materialize, Material-UI, and React-Vis

Gimmick Shop - Live Demo | Github Repo
- Developed an ecommerce website allowing users to buy and checkout gimmick items.
- Designed RESTful backend server enabling items to be stored in a checkout persistently in an online database
- Tools used: using HTML5, CSS3, JS, PostgreSQL, Express, React, Node, Material UI, and Redux.

EDUCATION

Rutgers University, School of Engineering, New Brunswick, NJ
Major: Chemical Engineering Class of 2018
Graduated: Summa Cum Laude

Fullstack Academy, Software Engineering Part-Time Immersive New York, NY
- 34-Week Full Stack JavaScript web development immersive