

# Chen Li

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*Life-long seeker of knowledge and 5-year experienced engineer in MSEE degree who currently has his sights set on a full-time software development position. Experienced in HTML5, CSS3, JavaScript, Java, Python, Responsive Design, jQuery, React, Redux, NodeJS, Database and PHP.*

## SKILLS

HTML5, CSS3, JavaScript, jQuery, Github, Bootstrap, React.js, Redux, RESTful API's, JSON, AJAX, Firebase, Django, Flask, Node.js, Express, User Authentication, Databases, MySQL, MongoDB, Laravel, SEO, MERN Stack

## PROGRAMMING LANGUAGES

JavaScript, Java, Python, SQL, PHP, HTML5, CSS3

## EDUCATION

**The University of Texas at Austin, Austin, TX**

10/2017 – 04/2018

*Full Stack Web Development Program*

**Stony Brook University, Stony Brook, NY**

08/2010 – 05/2012

M.S. Electrical Engineering

**Dalian University of Technology (DUT), Dalian, China**

09/2006 – 07/2010

B.S. Electrical Engineering

## APPLICATIONS BUILT

### EtherFund

- Blockchain based crowd-funding platform
- React, Redux, React-router, NodeJS, Express, JWT tokens authentication, Web3 Ethereum API, PostgreSQL, Truffle - Smart Contract Test and Compilation.
- <https://etherfund.herokuapp.com/>
- <https://github.com/lichen777/etherfund>

### Scotch-Scraper

- Scotch-io Web Scrapping Application using MERN stack
- ReactJS, React-router V4, NodeJS, Express, MongoDB, Mongoosejs
- <https://scotch-scraper.herokuapp.com/>
- <https://github.com/lichen777/Scraper-React>
- <https://github.com/lichen777/Scotch-Scraper>

### Construction MGMT

- A construction field management system that improves quality control, accelerates project delivery, safety and profitability for construction projects of all sizes
- JavaScript, jQuery, Handlebars, Bootstrap, Node, Express, MySQL, Sequelize, PassportJS
- <https://github.com/jrr564/ConstructionMGMT>

## **Mutter**

- Created an online Diary System with ReactJS, Express and MySQL
- JavaScript, HTML5, CSS3, ReactJS, Node.JS, Express, Sequelize ORM and MySQL
- <https://mutter-2018.herokuapp.com/>

## **NFL Player Profile Search with Fantasy Football and Game Day info**

- Created a NFL player search engine with game info using RESTful API's and Firebase.
- JavaScript, jQuery, HTML5, CSS3, Bootstrap, RESTful API's, Firebase, Node.JS
- <https://jrr564.github.io/NFL-PLAYER-API-PROJECT/>

## **Multi-player online RPS game and chat room with Firebase and JQuery**

- Created an online multiplayer RPS Game.
- JavaScript, jQuery, HTML5, CSS3, Bootstrap, Firebase
- <https://lichen777.github.io/RPS/>

## **PROFESSIONAL EXPERIENCE**

### **Abracon LLC, Spicewood, TX**

04/2016 – Present

#### *Product Application Engineer*

- Present at Centralized training for global distributors to train more than 100 FAEs and sales engineers.
- Coordinate regional sales, production and purchasing to win custom design-in from key high volume accounts around the world.
- Lead magnetics product portfolio, the fastest growing product lines in team, achieved over 40% AGR in 2016 and 2017.
- Develop ATE program using Agilent VEE Pro and Labview to characterize the feature of the magnetic products and created BKM of the application test procedure.
- Closely collaborate with Marketing and Purchasing team to release NPI (New Product Introduction).

### **Samsung Austin Semiconductor, Austin, TX**

02/2015 – 04/2016

#### *Photolithography Process Engineer*

- Coordinated 14nm high volume production plan, improved 30% productivity with PCRB.
- Dedicated on 14nm defectivity reduction and yield improvement, improved yield by 5% with process optimization.
- Led 14LPP first of a kind diffraction based focus metrology verification and implementation project. Successfully launched at key steps for process control improvement.

### **GlobalFoundries Fab 8, Malta, NY**

12/2012 – 10/2014

#### *Senior Process Application Engineer (Litho Scanner Application, TD)*

- Organized and coordinated the design of Diffraction Based Focus control mark for 20/14nm Fin, Metal, Contact and Poly layers in new Tape-out.
- Established on-product focus monitoring and control system for 14, 20 and 28nm devices.
- Developed and implemented new alignment mark for 20nm Back End, improved productivity by 22%.
- Led Yieldstar integrated metrology tool uDBO mark evaluation and hardware upgrade.
- Directly involved in newest NXT 1970 Scanner and Integrated Metrology Yieldstar Tool Qualification.