

# Lars

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[larryfisherlabs@gmail.com](mailto:larryfisherlabs@gmail.com)   <https://larryfisherlabs.vercel.app/>   <https://armyants.vercel.app/>

## Education

### **Bachelor of Science - Electrical and Computer Engineering**

**Northeastern University**

2015-2019

GPA: 3.2/4

- Minor - Mathematics

## Experience

### **Fullstack Software Engineer/Founder**

**Larry Fisher Labs**

2021-Present

- Personally built entire website/product from the ground up (excluding art)
- Built frontend in js with only react, redux, ethers, canvas, and styled components packages
- Built backend in js with only express, ethers and canvas packages
- Built web3 backend in solidity extending Open Zeppelin's erc721 and ownable contracts
- Built personal/company website in js using next and tailwind css packages
- Built automated testing pipeline for smart contracts which was capable of spinning up local fork of ethereum, going through a full life cycle for each contract with periodic batches of tests

### **Fullstack Software QA Engineer**

**SBE Vision**

2020-2021

Wakefield, MA

- Built and maintained kubernetes cluster for end to end testing infrastructure
- In charge of building and maintaining fully automated QA infrastructure across the stack using:
  - Front end: Selenium, Zalenium
  - Back end: Postman runners, Newman
  - Logging and visualization: ELK stack, Filebeat, Grafana
- Responsible for building and maintaining CI/CD pipelines in Gitlab for standard nightly e2e testing of full stack, important specific merges and branches, and other miscellaneous needs of team
- Responsible for overseeing nightly testing and visualization of logs for all pipelines using Kibana
- Helped team maintain production, user-facing kubernetes clusters where necessary
- Participated in calls with important customers like Ford and Oracle in order to explain and sometimes sell products, help troubleshoot usage of products, and get feedback on how to make products more helpful/easier to use in order to structure tests
- Created and maintained useful interactive kibana dashboards for all logs generated by our system
- Used my e2e testing kibana dashboard daily in order to check all failed tests, gather their logs with corresponding Selenium videos for frontend, use logs and or videos to figure out error and what change caused it, report findings to relevant team members and help them troubleshoot
- Managed Jira for QA, helped manage Jira for team on important features and ran scrum when needed

### **Electrical Engineering Coop**

**Scully Signal Co**

2016-2017

Wilmington, MA

- Responsible for implementing software for microprocessors
- Worked with lead engineers to build and code test boards and debug board logic
- Assisted with field, safety, and QA testing on main product line
- Worked with team leads to create project roadmaps and improve designs

### **Field Worker and Business Assistant**

**Russell Disposal**

2011-2020

Somerville, MA

- Started as mechanic's assistant in vehicle garage
- Worked on back of company trash/recycling/yard waste trucks
- Led and managed various business aspects in back office including customer service, company financials, inventory management, and deposits
- Worked as field supervisor/communications coordinator with partner office

### **Camp Sunshine Volunteer**

**Camp Sunshine**

2011-2015

Casco, ME

- Volunteer one week a year to help camp provide a care free week of fun for families and children
- Responsible for leading other volunteers in kitchen in order to organize/oversee events and prepare/serve/clean up after meals and activities