Jonathan Lee Marcus

Software Engineer & Product Manager

Greater Boston Area

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Skills

- React
- JS + Express + Mongo
- Ruby + Rails
- PostgreSQL
- jQuery + AJAX
- HTML + CSS + SASS
- Bootstrap
- Git + GitHub
- AWS
- Max/MSP/Jitter

Exposure to

- C++
- Objective-C
- Python
- Machine Learning
- OpenGL + GLSL
- Lean Methodology
- UX/UI

Additional Skills

- Teaching
- Mediation (trained)
- Photoshop
- A/V Production
- Electronics Fab
- CAD (Solidworks)
- Woodworking

Interests

- Rock Climbing
- Meditation + Yoga
- Interactive Art
- Cooking Parties
- Science Fiction
- Hiking + Camping
- Scouting (Eagle Scout)
- Emotional Literacy and Development

Fun Fact

Viral internet stardom for "deep fried water"

Web Development

General Assembly — Jan 2019 to May 2019

A rigorous 12-week, 500+ hour, intensive professional training program, building full-stack web applications with an array of modern programming languages, frameworks, and tools.

Projects:

∿Chat

A featureful real-time chat app, providing users the opportunity to edit their messages on the fly. Built with React, Express, Mongoose, and MongoDB.

Photo Jar

A photo storage and sharing app with geolocation integration. Built with JavaScript, jQuery, HTML, SASS, Express, Mongoose, MongoDB, and AWS.

Scout-Tracker

A scouting achievement and merit badge tracker, with a RESTful backend. Built with Ruby, Rails, & PostgreSQL and a frontend includes JavaScript, jQuery, and SASS.

Leadership & Product Management

Code for Boston — Jan 2017 to present

- Organize and run over 100 hack nights (and counting), 70+ participants each, to build civic technology projects.
- Collaborating with government and community partners to address social and civic challenges through creative uses of technology.
- Co-directed 2 major weekend hackathons with over 100 participants each.
- Organized a project demo event and lightning talks, raising over one year of funding.

Innovation & Making

Selected Projects — May 2014 to Dec 2018

- Co-founder and CEO of Cabin Systems, Inc., a privacy centric MVNO startup.
- Project management, product research, and fabrication for Pupa Dupa, LLC., an insect farming automation startup.
- Design, prototyping, and testing for Ballsy, a magnetic physical manipulation board game.
- Co-founder of Breadward, a social meal-sharing app.

Education

- Harvard School of Dental Medicine and Harvard Medical School; DMD Student
- Tufts University; Post Baccalaureate Pre-Health Program
  - *GPA 4.0*
- Rensselaer Polytechnic Institute; BS in Information Technology and Art
  - *magna cum laude*
  - *Awarded the School of Humanities and Social Sciences Distinguished Capstone Prize for interactive multi-media thesis project "Window, Tangent to Time."*