

# Matthew Riese

Full-Stack Software Engineer

[MattRiese.com](http://MattRiese.com) | [GitHub](#) | [LinkedIn](#)

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## EXPERIENCE

### Software Engineer Intern @ Foqal, Inc.

JUNE 2021 - JULY 2021 // San Francisco, CA

- Implemented front-end features to Foqal Knowledge, a web application for companies to store and access frequently asked questions, using **React**, **TypeScript**, and **GraphQL**.
- Refactored React codebase to create reusable components and avoid repetition.
- Integrated responsive design using Bootstrap to improve accessibility for users
- Expanded test coverage for features using React Testing Library
- Improved client-side routing by integrating query string functionality when users search for frequently asked questions.

### Driver @ Lyft and Uber

MAY 2013 - APRIL 2020 // San Francisco, CA

### Hovercraft builder and entrepreneur

APRIL 2008 - NOV 2019 // San Francisco, CA

- Designed and built a full-size functional amphibious [hovering Delorean](#) from scratch, complete with automatic gull-wing doors.
- Raised over \$5K on [Kickstarter](#) in 2010.
- Made various media appearances, including [Jay Leno's Garage](#), [ABC News](#), [Popular Mechanics](#), [SF Chronicle](#), [Discovery Channel](#), [music videos](#), etc.
- Proved ability to creatively design complex systems, set and meet ambitious goals, self-motivate, and have fun while doing it!

### Apprentice General Contractor @ Huber Construction

JAN 2006 - SEPT 2007 // Redwood City, CA

- Trades learned: carpentry, plumbing, electrical, HVAC, tile.

## PROJECTS

**Jobly** – Job application site built using **React** on the frontend.

[Demo](#) | [GitHub](#)

**Warbler** – Twitter clone built using **Python**, **Flask**, and **PostgreSQL**.

[Demo](#) | [Github](#)

**Memory Game** — Simple card game built to demonstrate DOM manipulation with vanilla JS.

[Demo](#) | [Github](#)

## SKILLS

**Web Languages & Technologies:**  
JavaScript, TypeScript, HTML, CSS, Node.js

**Libraries:**  
React, jQuery

**Programming Languages:**  
JavaScript, Python

**Frameworks:**  
React, Express, Flask, Jest, Bootstrap

**Database:**  
PostgreSQL

## EDUCATION

### Rithm School

APRIL 2021 - JUL 2021

Full-Stack Web Development

### San Francisco State University

AUG 2008 - MAY 2010

M.A. in Political Science  
(coursework only)

### University of California, Santa Cruz

SEPT 2001 - JUNE 2005

B.A. in Philosophy

Minor in Sociology

## AWARDS

### Popular Mechanics Magazine

Named in Top 10 “Backyard Geniuses” of 2012

### Discovery Channel’s Outrageous Acts of Science

First place, episode 20