



# Aaron Parisi

Web Developer

I am a Web Developer based in Seattle, WA, with a passion for building web applications that focus on intuitive user experiences. With my background in Mathematics and experience as a Calculus teacher, I strive to use my analytical and technical abilities to help others.

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## PROJECTS

### CouponVision

<https://www.coupons.aaronparisidev.com>

- Generated a large dataset of grocery store product coupon data using data.world's **grocery store data**
- Built a Rails API
  - Customized database seeding schema, JSON object return data, and API endpoints
- Built several interactive data visualizations using React and D3
  - Line Chart showing number of active coupons over time per grocery store chain
  - Stacked Bar Chart showing distribution of coupon brands among grocery store chains
  - Tile Charts showing total savings available across brands

### Springfield BnB

<https://www.springfield-bnb.aaronparisidev.com>

- Built with a React+Redux frontend and a Rails API, this Simpsons-themed Air BnB clone features AWS S3 image storage & frontend authentication
- Configured API to accept CORS requests from both local and live frontends
- Addressed AWS configuration and secret key exposure

### Towers of Hanoi AI Demo

<https://www.towers.aaronparisidev.com>

- Created an interactive demo version of Towers of Hanoi that relies on ES6 promise syntax and implements the recursive solution to the game
- Designed and implemented intuitive mouseover features using jQuery

### Todos

<https://www.todos.aaronparisidev.com>

- Bundled a standard Todos app with Webpacker and some customizations to package.json
- Blended Rails erb views with pure React components
- Made database queries using Axios and ES6 promise syntax

... and many more!

<https://www.aaronparisidev.com>

## WORK EXPERIENCE

### Plaid, Inc.

Technical Support Engineer

(August 2021 - Present)

- Investigated issues on behalf of Plaid clients, including connectivity failures and 400 errors, incorrect data in API endpoint response, and OAuth, MFA, and credentials issues
- Examined Plaid logs for HTTP error codes, request and response parameters, and JSON data contents
- Executed SQL queries on Plaid database tables to find trends and scope issues
- Examined Plaid source code to discover, diagnose, and correct bugs
- Opened, searched, and appended Jira tickets
- Communicated Plaid documentation, API behavior, and troubleshooting techniques to developers attempting to integrate with Plaid

### Northeastern University

Computer Science Tutor

(September 2017 - December 2017)

- Tutored grad students in Intro to Functional Programming at Northeastern University's Seattle campus

### Salisbury School

Mathematics Teacher

(September 2014 - May 2015)

- Taught Advanced Placement Calculus BC, Multivariable Calculus, and Probability & Statistics to high school juniors and seniors

## EDUCATION

### AppAcademy

Full Stack Web Development

(May 2020 - February 2021)

- Object Oriented Design in Ruby
- HTML & CSS
- Database Design & Querying Techniques using MySQL and PostgreSQL
- Data Structures & basic Algorithmic Analysis
- RESTful Application Design & MVC Paradigm in Rails
- Functional & Asynchronous Programming in JavaScript
- Frontend Rendering using React
- Frontend State Management using Redux

### Northeastern University

Computer Science Bridge Coursework

(January 2016 - May 2016)

- Introduction to Functional Programming
- Data Structures & Discrete Mathematics

### Hartwick College

Bachelor's Degree Mathematics, Economics

(September 2010 - May 2014)

3.9

- Discrete Mathematics
- Linear Algebra
- Abstract Algebra
- Real Analysis
- Number Theory
- Econometrics

## SKILLS

Ruby

JavaScript

Redux

HTML

Docker

zsh/bash

AJAX

Rails

React

SQL

CSS

Git

AWS S3

React D3