

ADRIAN RIVERO



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[ADRIANRIVERO.ME](https://adrianrivero.me)



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SKILLS

➤ TECHNICAL

- JavaScript
- React
- React Native
- Redux
- Ruby
- Ruby on Rails
- Node.js
- Git
- D3.js
- jQuery
- PostgreSQL
- MongoDB
- Microsoft SQL Server

➤ PROFESSIONAL

- Project Management
- Leadership
- Team Work
- Decision Making
- Problem Solving

EDUCATION

NC STATE UNIVERSITY

B.S. Aerospace Engineering

3.3 GPA

Raleigh, NC

2008 - 2012

APP ACADEMY

1000-hr immersive full-stack web development course with <3% acceptance rate.

San Francisco, CA

2017

PROJECTS

INSTADINE (React Native, Redux, Express, MongoDB)

[Live Github](#)

Mobile application that improves wait times for diners and turn over rates for restaurants.

- Headed the team and coordinated day-to-day operations, Git workflow, and prioritized issues to ensure goals were met and features were implemented on schedule.
- Facilitated data transfer by building the application's back end Node.js RESTful API with endpoints for authentication, restaurants, and reservations.
- Implemented front end UI components including nested navigators and restaurants filter to create the best user experience with smooth navigation.

HAKUNA (JavaScript, React, Redux, Rails, PostgreSQL)

[Live Github](#)

Team productivity application inspired by Asana for managing tasks across projects.

- Utilized AJAX requests to seamlessly sync user updates from front end React components to the back end Heroku server and database.
- Leveraged Redux cycles to manage unidirectional data flow and minimize HTTP requests in order to deliver a responsive single page application.
- Configured information routed from the back end through controller functions and Jbuilder, giving users the option to keep tasks and projects private.

COIN STOCK (JavaScript, D3.js)

[Live Github](#)

Web application for charting crypto currency and stock market price data.

- Integrated the D3 library to create an interactive data visualization tool that allows users to overlay and compare various investment options.
- Implemented a currying function that minimizes delays and efficiently fetches live market data from Alpha Advantage and Crypto Compare RESTful APIs.
- Developed a live search feature with VanillaJS to display stock and coin ticker symbols and dynamically render results that match user inputs.

PROFESSIONAL EXPERIENCE

SEMICONDUCTOR PROCESS ENGINEER | TECH MANAGER

Cree Inc. | Durham, NC | 2013 - 2017

Owned and controlled wafer thinning and backgrinding processes for LED chips and component manufacturing. Managed, recruited, and trained eight manufacturing process technicians.

- Generated scripts and queries with Microsoft SQL Server and JMP to automate data analyses for improved process control and monitoring.
- Built manufacturing applications with Visual Studio to track product, manage SQL databases, and streamline process studies.
- Spearheaded design and implementation of process improvement projects to reduce costs and improve yield; increased net income by \$4+ million annually.