

# Abigail Hernandez

Full Stack Software Engineer located in San Francisco, California

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## LANGUAGES, FRAMEWORKS, & SKILLS

React.js, Ruby on Rails, Javascript, Ruby, Python, SQL, Node.js, HTML, HTML5, CSS, CSS3, SCSS, Redux, Express, MongoDB, Mongoose, Postgres, MySQL, SQLite3, RSpec, Git, GitHub, AWS, Heroku, Asana, Trello, Jira, Microsoft Office, jQuery, G Suite, S3, AJAX, JSON, UI Concept Modeling, WireFraming

## PROJECTS

**Bold** (JavaScript, React.js, Redux.js, Ruby on Rails, Jbuilder, AWS, S3, Webpack)

[Live Site](#) | [Github](#)

*A full stack clone of Italic, an E-commerce website*

- Utilized Redux for front-end state management to maintain consistency with Postgres and Ruby on Rails back-end
- Implemented user authentication, shopping cart, user reviews, product search and more
- Built with Amazon S3 and Heroku

**Mango Music** (MongoDB, Mongoose, Express, React.js, Redux.js, Node.js, JavaScript, Webpack, G Suite)

[Live Site](#) | [Github](#)

*Mango Music is a social media web application in which users can connect over music built with MERN Stack*

- Implemented ability to search track titles and artists using React Hooks and Spotify API
- Led Git integration efforts across 4 developers and over 90 pull requests
- Integrated additional APIs such as Lyrics Ovh and Genius
- Developed several animations on the frontend using JavaScript and CSS

**Bob the Blob** (Vanilla JavaScript, Canvas API, HTML, CSS3, Webpack)

[Live Site](#) | [Github](#)

*A platform game where users can jump from platform to platform, climbing higher while dodging obstacles*

- Used JavaScript Canvas to draw and positions stored as POJOs to animate sprites to the screen
- Developed elementary physics and collision detection algorithms using Vanilla JavaScript

## WORK EXPERIENCE

**App Academy | Campus Software Engineering and Web Development**

**San Francisco, California**

*Junior Instruction Assistant*

May 2022 - Present

- Advise 4 developers on projects, lead daily agile stand-ups, provide code reviews and design advice, in addition to debugging aid
- Prepare and deliver lectures both in person and online on Ruby on Rails, algorithms, recursion, React.js, Git, CSS, and more
- Instruct on fullstack software engineering covering backend design with Ruby on Rails and SQL, and React.js / Redux frontend

**Pool Pros Aquatics**

**Remote**

*Project Manager*

January 2018 – May 2022

- Wrote Python script to clean data from CSV files and automate email communications to optimize daily productivity
- Cut overhead expenses by 13.33% per project through reduced shipment and travel costs
- Developed systems for broad range of business activities such as: inventory, project tracking and employee performance

*Administrative Director (part-time while enrolled in college)*

March 2012 – December 2017

- Managed work schedules, payroll, and financials not limited to: expenses, accounts receivable / payable, and quotes
- Presented weekly reports including statement of financial accounts as well as acted as sole point of contact for all B2B clientele

**OrderUp, a Groupon company**

**Iowa City, Iowa**

*Marketing Internship for emerging mobile food delivery startup*

May 2017 – August 2017

- Performed customer engagement marketing campaigns on Social Media (Instagram and Twitter)
- Flattened attrition rates through research and implementation of digital marketing

## EDUCATION & TRAINING

**App Academy**

**San Francisco, California**

*Curriculum of Study in Software Engineering and Web Design*

2022

**University of Iowa | Tippie College of Business**

**Iowa City, Iowa**

*Bachelor of Science in Business Administration in Marketing, Minor in Philosophy*

August 2014 - December 2017

## ACADEMICS & AWARDS

**Commercial UAV Expo Scholarship**, Issued by Women Who Code

March 2022

**Facebook Scholarship to App Academy**, Issued by Meta

January 2022

**National Scholars Award**

**National Retail Federation Conference Scholarship**, Issued by NRFSA

December 2017

**President and Founder of Tippie Marketing Student Organization**

February 2017

**Research Assistant At Tippie College of Business**

October 2017