

# Abigail Hernandez

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[Github](#) [LinkedIn](#) [Portfolio](#)

May 10th, 2023

Dear Hiring Manager,

Thank you for giving me the opportunity to apply for this position and tell you more about myself. I am a Software Engineering Instructor, formerly a Project Manager. I completed my BBA in 3.5 years at the University of Iowa - Tippie College of Business, which I received direct admission to. In my last role, I discovered I could work faster and with better accuracy by automating small tasks with Python such as emailing reports and data cleaning. This led me to pursue software engineering full time and attend a software engineering bootcamp.

I graduated from App Academy, an immersive 16 week tech-bootcamp that teaches full-stack web development. During my time as a student, I learned new tools every few days and spent 80-100 hours per week programming. Currently, I'm working on a few projects that utilize Ruby on Rails, React/Redux, MERN stack, and Vanilla JS as well as learning Python while I mentor students in the immersive software engineering program.

As my resume demonstrates, I have a diverse set of technical skills, ranging from front-end technologies such as React.js, Redux.js, and HTML/CSS to back-end technologies such as Ruby on Rails, SQL, MongoDB, and Node.js. I am adaptable, a quick learner, and work well under pressure. These traits as well as my adept technical ability make me a good candidate for this position. I would greatly appreciate the chance to further discuss how my qualifications and how my background compliments the roles you have available. I'm available both by phone, **(815) 735-7971** or by email, **[abhernndz@gmail.com](mailto:abhernndz@gmail.com)**.

Thank you for your consideration. I look forward to connecting with you.

Sincerely,

Abigail Hernandez

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## LANGUAGES, FRAMEWORKS, & SKILLS

React.js, Javascript, Ruby on Rails, Ruby, Python, SQL, Node.js, HTML, HTML5, CSS, CSS3, SCSS, Redux, Express, MongoDB, Mongoose, Postgres, MySQL, SQLite3, RSpec, Playwright, 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, achieving consistency with Postgres and 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 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 developers on projects, lead daily agile stand-ups, provide code reviews and design advice, in addition to debugging aid
- Design engaging code demos to audiences of 40 people, showcasing complex coding concepts in a clear and concise manner
- Prepare and present 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
- 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 Curriculum of Study in Software Engineering and Web Design**

**San Francisco, California 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 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

**National Scholars Award**