

# Colin Maloney

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## EDUCATION

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### Florida State University

Tallahassee, FL

*Bachelor of Science in Computer Science, Minor in Psychology*

*June. 2022 – Present*

- **Relevant Coursework:** Data Structures & Algorithms, Intro to Unix, Programming 1
- **Extracurriculars:** Google Developer Student Club, Association for Computational Machinery, Flavor Society, Beta Theta Pi Fraternity, FAA Licensed Pilot

## EXPERIENCE

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### Website Development Business

December 2022 – Present

*Web Tech CD*

*Ponte Vedra, FL*

- Co-Founded Web Tech CD, an LLC which develops websites and online solutions for clients in the real estate industry.
- Utilized Figma to design website layouts and intuitive user interfaces while working closely with clients to best represent their brand.
- Developed full-stack web applications with Next.js, styled the site with Tailwind CSS, and deployed the site using Vercel.
- Integrated the Spark API to gain access to real-estate listings providing users with all current relevant information about available properties.
- Implemented Sanity to cache Spark API data to reduce API calls, keeping speeds up and costs down.
- Assisted with all paperwork and bank account management to ensure the effective operation of the company.

## PROJECTS

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### Web Tech CD Website | *Javascript, Next.JS, Tailwind CSS, Node Mailer, Git*

Dec 2022 – Jan 2023

- \* Designed and developed a highly optimized website by leveraging the power of Figma for intuitive and visually appealing design, and implementing Next.js and Tailwind CSS for efficient and robust construction.
- \* Developed a backend system through Next.JS and implemented Node Mailer to handle emails directly from the website, ensuring efficient and reliable communication with site visitors and users.
- \* Integrated Twitter API to pull the school teacher's recent tweets and seamlessly displayed them on the website, enhancing the website's content and providing real-time updates to visitors.
- \* Used Celery and Redis for asynchronous tasks

### Machine Learning | *Python3, Tensor Flow, Seaborn, Pandas, Matplotlib, NumPy, Git*

November 2022 – Present

- \* Acquired proficiency in regression models by studying and implementing various techniques such as linear regression, multiple regression, and random forest regression, enabling accurate prediction of outcomes based on available data.
- \* Developed expertise in support vector machines (SVM) and utilized them effectively for classification tasks, gaining the ability to classify data points into distinct categories.
- \* Acquired practical skills in data cleaning using various data science techniques, such as handling missing values, removing outliers, and normalizing data, ensuring high data quality and reliability for subsequent analysis and modeling.

## TECHNICAL SKILLS

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**Languages:** Java, Python, C++, Rust, SQL (Postgres), JavaScript, HTML/CSS, Tailwind

**Frameworks:** React, Next JS, Flask, Django, Material-UI, Prisma, OpenGL

**Developer Tools:** Git, VS Code, Visual Studio, Spider, PyCharm, IntelliJ, Unity, Unreal Engine

**Libraries:** Pandas, NumPy, Matplotlib, SDL2, Selenium, Beautiful Soup, NLTK, SKLearn, Seaborn, Tensor Flow

**Soft:** Communication, Problem Solver, Active Listener, Ambitious, Empathetic, Optimistic, Logical