

Anthony Ciocco

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EDUCATION

University of Houston, Houston, TX

Bachelor of Science, Computer Science

December 2023

Minor: Mathematics

Relevant Coursework: Data Science 1, Data Science and Machine learning, Computer Graphics

Houston Community College, Houston TX

Associates of Science, Computer Science

May 2020

SKILLS

Programming Languages JavaScript, CSS, HTML, SQL, Python, C++, R, Java

Tools NextJS, Strapi, ReactJS, Svelte, NodeJS, Jupyter, SQLite, PostgreSQL, APIs, Wordpress, MS Word, MS Excel

ACADEMIC EXPERIENCE

University of Houston

Earthquake Geo-location Heat-mapping, <https://shorturl.at/N03ic>

November 2022 – December 2022

- Collaborated with 4 students to generate a visualization of earthquake occurrences in the U.S. and Europe
- Analyzed the visualized data in Jupyter notebooks using Python

Human Resources Dashboard, <https://github.com/ci0cc0lat0/NodeDatabaseDemo>

November 2021 – December 2021

- Collaborated and lead 2 others to produce a full-stack, RESTful application that allowed for C.R.U.D. operations
- Implemented the Human Resource Dashboard database in PostgreSQL, designed the API with NodeJS and Express with the front-end published in plain HTML, CSS, and JavaScript

PROJECT EXPERIENCE

Dotabase, <https://github.com/ci0cc0lat0/Dotabase>

December 2022 – Present

- Launched a bot that scrapes OpendotaAPI, storing collected match stats into a SQLite database
- Implemented C.R.U.D. operations into Dotabase in order to manage and manipulate 1000s of observations
- Analyzed collected stats with Jupyter notebooks to produce descriptive statistics, data visualizations and actionable insights

Antpond, <https://www.theantpond.com/>

December 2022 – Present

- Established a personal gallery website with NextJS to showcase art, ideas, and music using Strapi as the C.M.S.
- Deployed Antpond using Vercel with data pushed to Github for seamless content management

WORK EXPERIENCE

Freelance Full Stack Developer

June 2024 – Present

Self-employed developer

- Collaborated with clients in order to provide custom tools and websites suited to their needs
- Designed full stack solutions leveraging front end frameworks, along with back end APIs and databases
- Developed websites that are primarily created with NextJS and Strapi allowing for static or dynamic site content
- Deployed solutions on Vercel allows CI/CD pipelines for near instant deployment, cost-efficiency, and reliability

Off Record Media

January 2021 – February 2023

Co-Founder, Web developer, and Content Coordinator

- Established the design and layout of Off Record Media's initial website using WordPress
- Handled the back-end including the FTP servers, hosting, and site backups
- Participated in recruiting process for writers and photographers deciding who would be on-boarded
- Engaged in 3 rounds of weekly scheduling and editing of pieces along with conducting event research
- Scheduled content of 12 writers and photographers and promoted pieces on social media leading to over 3000 hits per month