

# Anthony Ciocco

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<https://github.com/ci0cc0lat0>

<https://www.anthonyciocco.com/>

## 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, PHP, CSS, HTML, SQL, Python, C++, R, Java

**Tools** NextJS, Strapi, ReactJS, NodeJS, Jupyter, MySQL, Apache, SQLite, PostgreSQL, RESTful 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://dotabase.anthonyciocco.com/>

**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://pond.anthonyciocco.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, Strapi, and PostgreSQL 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,** <https://offrecord.blog/>

**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
- Maintained website's pages and plugins with PHP, made styling changes as needed with CSS
- 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