

Adrian Hoffer

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EDUCATION

Northwestern University

Evanston, IL

Bachelor of Arts in Computer Science

September 2020 – June 2024

- GPA: 3.70/4.0
- Relevant Coursework: Data Structures and Algorithms, Intro to Artificial Intelligence, Mathematical Foundations of Computer Science

PROJECTS

Doodle Jump Game | *C++*

January 2021 – March 2022

- Utilized aspects of object oriented programming to effectively create interaction between sprites
- Drew and implemented sprites, loaded and organized large file directories
- Collaborated with a partner trading responsibilities
- Implemented collision and physics

Artificial Intelligence Labs | *Python*

March 2022 – June 2022

- Adapted aspects of machine learning into Python code
- Wrote code to generate solutions to stochastic problems
- Some but not all of the algorithms used: minimax, alpha-beta pruning, greedy search, A star and more

Cryptocurrency API project | *React, JavaScript, HTML/CSS*

August 2022 – September 2022

- Utilized CoinGecko API to display hundreds of Cryptocurrencies and useful data
- Implemented a search feature for users to easily access the desired coin
- Embellished Website with CSS features
- Used Axios and Hooks within React.js to extract and manipulate data

EXPERIENCE

Website Developer

June 2020 - September 2020

Li Education Foundation

Tampa, FL

- Combined mixed media with functionality to provide smooth user interface with intriguing visuals
- Built a website displaying Asian art
- Utilized CSS to stylize design elements
- Worked within deadlines in order to release a suitable project

Architect Drafter and Engineer

November 2018 – February 2019

ACE Mentor Program

Chicago, IL

- Collaborated with multiple distinct design teams on a construction, drafting, and engineering project
- Worked with all contributing professional fields to create an architectural project and market it
- Became familiar with software such as CAD
- Earned honors scholarship for my work

TECHNICAL SKILLS

Languages: Python, C/C++, C#, JavaScript, Dr. Racket, HTML/CSS

Frameworks: React, FastAPI

Developer Tools: Git, VS Code, Visual Studio, Unity

Soft Skills: Slack, Scrum, General Communication

Libraries: pandas, NumPy