

Sean Tarzy

229 E 79th Street, Apt 5E | New York, NY 10025 | 917-513-6979 | seantarzy@gmail.com

Github: [seantarzy](#) | Medium: [seantarzy](#) | LinkedIn: [Sean-Tarzy](#) | Portfolio: [seantarzy](#)

TECHNICAL EXPERIENCE

Crypto Analyzer | [Github](#)

- Constructed a React website with a Node.js backend that gives real time, user-friendly data about Bitcoin, including the current price, price graph and data, articles, and an “item of the day”
- Scraped the bitcoin price from Google using Puppeteer
- Created a dynamic API in Node.js to allow client to retrieve the live data
- Created filtering capabilities to allow user filtering to choose the currency for the rendered price

Mnemonic Maker | [Github](#) | [Website](#) | [Blog](#)

- Built website in React, Redux, and Rails that generates mnemonic devices for studying purposes using popular songs
- Scraped Youtube IDs and song lyrics from genius.com using a RESTful client and Nokogiri
- Implemented secure user authorization and authentication using JWT
- Designed a RESTful Rails API, allowing full CRUD actions for the Front-End client
- Developed filtering capabilities for better user experience
- Created a Lyric-Snippet table to query a song phrase with matching initials

War Games | [Github](#) | [Website](#) | [Blog](#)

- Built an MLB player card game, similar to “War” using React
- Used Nokogiri and a RESTful client to scrape the top 1,000 baseball players and statistics from ‘baseball reference.com and seeded them to a SQL database
- Implemented game logic to determine the winner per hand, and to keep track of score using JavaScript and React hooks
- Developed iOS app using React Native
- Designed animated elements using custom CSS and HTML

TECHNICAL SKILLS & LANGUAGES

- JavaScript, JQuery, React, Redux, SQL, React Native, Ruby, Ruby on Rails, HTML5, Celonis, Microsoft Power Automate, CSS3, SQL, JSON, Github, Microsoft Office

CERTIFICATIONS

- Coursera: Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

PROFESSIONAL EXPERIENCE

Key Collegiate Middle School | Brooklyn, NY

August 2018 - October 2019

Math Instructor

- Created comprehensive lesson plans for over 50 elementary school students, incorporating a wide variety of teaching methods to ensure students were actively engaged to understand the materials
- Led teaching extracurricular activities to students in many areas including chess, computers, and fitness
- Developed personalized lessons tailored to each student's strengths, increasing class average by over 100%

Northwestern Mutual | New York, NY

June 2017 - November 2017

Financial Representative Intern

- Contacted thousands of professionals to advise and communicate financial security offerings, generating over 20 new clients
- Educated clients on life insurance policies as well as other investment options, such as retirement accounts
- Collaborated with senior agents at Northwestern Mutual to deliver optimal services to existing and prospective clients.

Brightside Daycare Corporate | New York, NY

May 2016 - August 2016

Forecast Analyst

- Analyzed demographics of daycare centers to forecast future profitability
- Assessed internal operations to identify areas of opportunity to drive efficiency and profitability
- Prepared financial reports for banks and other lenders to support new business ventures

EDUCATION

Flatiron School

Full Stack Web Development, Ruby on Rails, and JavaScript Immersive Program

March 2020

Binghamton University, State University of New York

Bachelor of Science in Financial Economics

May 2018

Cumulative GPA: **3.5/4.0**

ADDITIONAL SKILLS

Mathematics: Tutoring in Algebra, Calculus (I & II), Geometry, Economics, and Basic Math

Interests: Computers and Technology, Basketball, Baseball, Guitar, Filmmaking, History, Music, Education