Sean Tarzy

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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

Mnemoic 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 Associates in Financial Economics   *May 2018*
GPA 3.5/4.00

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