

# Andre Benedito

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## TECHNICAL SKILLS

- Front End: HTML/CSS, JavaScript, Bootstrap, Semantic-UI, React.JS and Angular
- Back End: Java, C# and Node.JS
- Experience using Git, Ionic Framework and MongoDB
- Well versed in blockchain technology and algorithmic trading

## PROJECTS

### Zyla Blockchain March 2018 - June 2018

- Built a general purpose blockchain using Java and Bouncy Castle as a security provider
- Includes features such as RSA wallets, multi-address transactions, PoW mining using SHA512 and an advanced GUI
- Designed custom network protocols with plans to implement network-based consensus

### C# Algorithmic Trading Bot July 2018 – December 2018

- Developing a C# algorithmic cryptocurrency trading bot using the Binance Exchange API
- Designed using asynchronous task scheduling and web sockets for speed and performance
- Uses piped console tasks to log, aggregate and monitor real-time trading data
- Currently implementing back testing functionality to benchmark different strategies and test in real-time

### Media Publishing WebApp October 2018 - January 2018

- Developed a Node.JS automated media publishing web application for the startup Blockchain Radio
- Integrated user authentication using MongoDB and salted passwords using bcrypt
- Routed web application using Express.JS
- Constructed the front-end layout using the Semantic-UI CSS framework

### Arbitrage Bot July 2019 - Present

- Developing a triangular arbitrage bot using Electron.JS with React.JS using the Binance Exchange API

## EXPERIENCE

### Colonel By Coding Club September 2018 - Present

- School club created to help students develop a passion for programming while developing various job skills
- Co-executive from 2018-2019: Taught Python to students learning their first programming language and how to use Git version-control system
- Head Executive from 2019-2020: Leading and organizing Coding Club in addition to teaching Java

## EDUCATION

Kanata Montessori School – IB Diploma Program September 2005 – July 2016

Colonel By Secondary School – Ontario Secondary School Diploma + IB Diploma Program September 2016 – July 2020

LaunchX MIT - High School Entrepreneurship Program July 2019 - August 2019