ANTHONY Y. ZHU

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in https://www.linkedin.com/in/anthony-y-zhu-15b40b79/   ○ https://github.com/anthony-y-zhu14

PROJECT EXPERIENCE

UCLEI – Online Stock Trading SandBox
Team Project - Carleton University

📅 Sep 2020 – Dec 2020   📍 Ottawa, Ontario

- – Created a stock trading simulation website that provides a safe, easy-to-use sandbox environment for users to experience how stock market trading works
- - https://github.com/anthony-y-zhu14/UCLEI—Stock-Trading-Platform-Sandbox
- • Techs : /React/NodeJs/Python/MongoDb/HTML/CSS/JavaScript/Git
- • Skills : Project Planning, Database Design, Front End Web Design, Web Scraping, Communication, Problem Solving

Network-wide Ad Blocking DNS Sinkhole
Individual Project

📅 Sep 2020 – Dec 2020   📍 Ottawa, Ontario

- – Set up a DNS Ad Blocking server and connected with the modem from ISP, By using a single Raspberry Pi 4 as the hardware and pi-hole application, the server was able to block traditional website advertisements as well as advertisements in smart TVs and mobile phones
- • Techs : Raspberry Pi/C/Bash/PHP/CSS
- • Skills : DNS Sinkhole, Ad Blocking, Network Setup, Problem Solving

Smart Mirror
Individual Project

📅 May 2020 – Sep 2020   📍 Ottawa, Ontario

- – Made a Raspberry Pi powered smart mirror that is capable of displaying the news, weather, and time
- • Techs : Raspberry Pi/Python/Java/Git
- • Skills : Object-Oriented Programming, Problem Solving

WORK EXPERIENCE

Geotechnical Engineering Technician, Field and Laboratory
Department of Geotechnical Engineering – WSP Canada Inc.

📅 April 2018 – December 2018

Employed as a QA technician, assissted Engineers in Lab testing and On-site Inspection, responsibilities included:

- • Geotechnical Investigations including surveying, sampling and preparing field borehole records
- • Sampling of granular materials, and hot-mix aggregates from job sites according to OPSS methods
- • Sub-grade soil inspections and approvals(commercial/residential)

Geotechnical Engineering Technician, Field and Laboratory
Department of Geotechnical Engineering – Aecon Group Inc.

📅 July 2016 – April 2018

Employed as a QC technician, assissted Engineers in Lab testing and On-site Inspection, responsibilities included:

- • Geotechnical Investigations including surveying, sampling and preparing field borehole records
- • Sampling of granular materials, and hot-mix aggregates from job sites according to OPSS methods
- • Sub-grade soil inspections and approvals(commercial/residential)

ABOUT ME

After studying and working in Civil Engineering field, I have decided to pursue a career in Computer Science. Prior experience gifted me with motivation and professionalism as well as the desire to explore the unknown and the courage to solve the seemingly unsolvable. With my excellent technical and communication skills as well as the commitment to meticulous accuracy. I am always prepared to face new challenges.

TECHNICAL SKILLS

Applications

Visual Studio Code   Atom
NetBean   Eclipse   Vim

Programing Languages

5:Fluent 4:Excellent 3:Intermediate
2:Fair 1:Begineer

HTML/CSS/JavaScript ●●●●●
Python ●●●●○
Java ●●●●●
C/C++ ●●●●○
LaTex ●●●○○

Operating Systems

Windows   UNIX   Linux

Database

MongoDB   MySQL

SOFT SKILLS

Problem-Solving   Flexibility
Organization   MultiTasking
Teamwork   Communication
Confidence   Self-Management

DIPLOMA

Bachelor of Science
Carleton University

📅 May 2022 (Estimated)

Advance College Diploma of Civil Engineering
Algonquin College

📅 May 2017