John David Anthony

www.johndavidanthony.ca

647-706-8631 | johndavid.anthony1@gmail.com | www.linkedin.com/in/johndavidanthony

Education

Bachelor of Computing (Honours) | Queen's University, Kingston   **Graduated April, 2020**

- ‣ Cumulative GPA: 3.93 - Dean's Honour List (2016 - 2020)

Experience

Cyber Risk Analyst | Deloitte, Toronto   **May - Aug, 2019**

- ‣ Worked closely with the client, a major bank, to develop an Identity and Access Management security solution.
- ‣ Gathered requirements through discussions with the client, crafted the project into a multi-component timeline.
- ‣ Leveraged my adaptability, attention to detail, and ability to thrive under pressure to overcome the problem of slow movement of bank resources, to ensure that project development timelines were met
- ‣ The project successfully integrated with existing software to automatically onboard new employees with the correct level of access, minimizing the risk of any employee having inappropriate access and allowing the client to easily pass certifications.

Quality Assurance Intern | BioConnect, Toronto   **Apr - Aug, 2018**

- ‣ Responsible for testing all software and hardware that was delivered to the customer's hands.
- ‣ Implemented automated software tests to free up company resources and save more than $3000 per regression cycle.
- ‣ Collaborated with multiple departments to find root causes of issues to ensure that all products were of the highest quality.
- ‣ Received the intern of the year award for having the most impact on the company.

Engineering Intern | BioConnect, Toronto   **May - Aug, 2017**

- ‣ Developed knowledge of the product line by testing customer-returned products so they could be resold.
- ‣ Identified inefficiencies in testing procedures and developed processes to further increase customer satisfaction.
- ‣ Researched potential customers to identify leads for the sales team and analyzed industry trends to create a report for company strategy.

Extracurriculars & Awards

Microsoft Hackference - Winner   **Nov 2019**
- ‣ Developed an app prototype using Microsoft Azure to solve one of the UN's sustainable development goals. Targeted at medical professionals, the app assisted doctors in recording outbreaks of infectious diseases in less developed countries.

Project Manager | QMIND, Kingston   **Sep 2018 - Current**

QMIND is Queen's Machine Intelligence and Neural Design team, that tackles real world problems through the use of AI.

- ‣ Created on-boarding presentations to train new members on general development and machine learning concepts.
- ‣ Led a 4 person team to identify ways to increase sports viewer engagement for broadcasting companies.
- ‣ Developed ML models to identify replays 100% of the time and what teams are on screen 76% of the time. Presented findings at Canada's largest undergraduate AI conference, CUCAI.

Independent Projects (Can be viewed at johndavidanthony.ca)

Machine Learning Self Driving Car - C#
- ‣ A simulation that trains a car with no prior knowledge of driving how to drive without hitting the sides of the track.
- ‣ Using 5 distance sensors as input, the car uses a neural network to decide what action to take. It learned how to drive through a genetic algorithm in a process similar to evolution. Through multiple generations it was able to complete a lap and find the most efficient route.

Smart Mirror - HTML, CSS, JavaScript
- ‣ Web based smart mirror that fetches and displays your calendar, news articles, the weather and time.
- ‣ Constructed with a two way mirror film so that you can see your reflection and all the information.

iOS Apps - Swift
- ‣ Live currency converter app that can convert any currency in the world at current prices.
- ‣ Calculator app that has all the basic features of any handled calculator.

Development / Interests

Development
- ‣ Proficient in Java and Python, with working knowledge of C, C#, Swift, Web Languages, SQL.

Interests
- ‣ Artificial Intelligence, IoT, Cyber Security, Project Management, Leadership, Business.

Relevant Courses
- ‣ Data Structures, Algorithms, Artificial Intelligence, Software QA, System Level Programming.

Work authorization in Canada, New Zealand, and Australia