

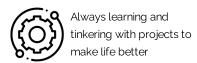
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Full stack web development and blockchain development



## **About Me**

From aerospace control systems to blockchain protocol integrations, I am fascinated with understanding, developing, and, ultimately, improving complex systems.

## Experience

Chainlink Labs

Blockchain Engineer Toronto, ON March 2021 - Current

Implement and support various integrations of oracle technology

Build components and testing tools for blockchains utilizing the Chainlink network

Conflux Network

Research Engineer Toronto, ON April 2020 - January 2021

Scoped and created various technical integrations of decentralized technology Integrated Chainlink oracles and created test demonstrations for 3 other protocols

Grew the developer community through hackathons, workshops, etc

University of Michigan College of Engineering

Programmer Remote April 2019 - April 2020

Data visualization of various optimization concepts using LaTeX/Tikz/PGFplots and

algorithms in python

Lockheed Martin Aeronautics

Flight Controls Intern Palmdale, CA May 2018 - August 2018

Developed program for uncertainty quantification & robustness testing during multi-

input multi-output (MIMO) control system design.

## Skills

Programming: Python, Javascript, Solidity, Go, LaTeX, MATLAB, C/C++

Engineering: optimization algorithms, data visualization, SolidWorks, CATIA V5, AutoCAD, Simulink, LabView

Manufacturing: composites, metal/wood working, milling, 3D printing, soldering, microcontrollers Web + Blockchain: React, html/JS/CSS, node.js, Conflux Network, Hyperledger Fabric, Ethereum, APIs

## **Education**

George Brown College

Blockchain Toronto, ON September 2019 - August 2020

**Development Program** Full-stack and blockchain development using Ethereum and Hyperledger Fabric.

University of Michigan

Masters in Aerospace Ann Arbor, MI January 2018 - December 2018

**Engineering** Specialization in flight dynamics and control.

Course work completed in numerical optimization and non-linear control.

Bachelor in Aerospace Ann Arbor, MI September 2014 - December 2017

**Engineering** Focused on aircraft structural design and dynamics + control.

Minor in electrical engineering (control systems)