

# Aaron Lu

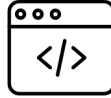
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Aerospace engineer  
specializing in flight  
dynamics & control



Full stack web  
development and  
blockchain development



Always learning and  
tinkering with projects to  
make life better

## About Me

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

## Experience

Chainlink Labs

<b>Blockchain Engineer</b>	<i>Toronto, ON</i>	<i>March 2021 - Current</i>
Implement and support various integrations of oracle technology		
Build components and testing tools for blockchains utilizing the Chainlink network		

Conflux Network

<b>Research Engineer</b>	<i>Toronto, ON</i>	<i>April 2020 - January 2021</i>
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

<b>Programmer</b>	<i>Remote</i>	<i>April 2019 - April 2020</i>
Data visualization of various optimization concepts using LaTeX/Tikz/PGFplots and algorithms in python		

Lockheed Martin Aeronautics

<b>Flight Controls Intern</b>	<i>Palmdale, CA</i>	<i>May 2018 - August 2018</i>
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

<b>Blockchain Development Program</b>	<i>Toronto, ON</i>	<i>September 2019 - August 2020</i>
Full-stack and blockchain development using Ethereum and Hyperledger Fabric.		

University of Michigan

<b>Masters in Aerospace Engineering</b>	<i>Ann Arbor, MI</i>	<i>January 2018 - December 2018</i>
Specialization in flight dynamics and control.		
Course work completed in numerical optimization and non-linear control.		

<b>Bachelor in Aerospace Engineering</b>	<i>Ann Arbor, MI</i>	<i>September 2014 - December 2017</i>
Focused on aircraft structural design and dynamics + control.		
Minor in electrical engineering (control systems)		