

# Aaron Lu

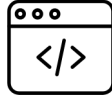
Portfolio: [aalu1418.github.io](https://aalu1418.github.io)

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GitHub: @aalu1418



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

Stealth Startup

**Software Engineer**

*Remote*

*March 2021 - Current*

Implement and support various integrations of blockchain technology  
Build components and testing tools for blockchains

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, nodejs, 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)