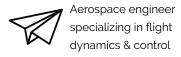
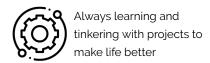


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LinkedIn: @aalu1418







September 2014 - December 2017

About Me

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

Experience

Conflux Network

Research Engineer Toronto, ON April 2020 - current

Creating and explaining solutions in research collaborations

Improving tools and protocol, and integrating with developer tools, APIs, and smart

contracts

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

Ann Arbor, MI Undergraduate May 2016 - August 2016

Research Assistant Assisted in preparation of X-HALE aircraft for flight & structural testing.

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.

Edwards AFB. CA Flight Test Intern June 2017 - August 2017

Supported flight sciences on the F-35 drag-chute testing program.

Skills

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

Web + Blockchain: React, html/JS/CSS, node.js/Express, Hyperledger Fabric, Ethereum

Software Development: git, linux/windows, agile development, docker, CI/CD

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

Education

George Brown College

Blockchain Toronto, ON September 2019 - August 2020 (expected)

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

University of Michigan

Bachelor in Aerospace

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

Specialization in flight dynamics and control. Engineering

Ann Arbor, MI

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

Engineering Focused on aircraft structural design and dynamics + control.

Minor in electrical engineering (control systems)