

SAMUEL JUNIOR MOSES

Email: sammoses@cmail.carleton.ca

OBJECTIVE

To Further my knowledge and experience in the field of Aerospace Engineering which will challenge me and offer a career opportunity where I can further use my technical skills.

EDUCATION

Certified Part 107 UAV Pilot

MASC Aerospace Engineering – Specialization in Unmanned Aerial Systems
Carleton University
Ottawa, Ontario

Expected Graduation: 07/2022

BS Civil Engineering - Minor in Unmanned Aerial Systems

Florida Institute of Technology
Melbourne, FL

Graduation: 05/2018

RELEVANT COURSES

Airport Planning

Engineering Econ & Planning

Airport Design

Uninhabited Aircraft Systems

Unmanned Aerial Systems

Mechanics of Materials

National Airspace Systems

Probability and Statistics

Engineering Materials

Transportation Engineering

Construction Engineering

Aeronautics 1

TECHNICAL SKILLS

Programs: MATLAB, Mission planner, Microsoft Suite, Project Libre, Microstation

WORK EXPERIENCE

Teacher's Assistant

Carleton University

January 2021- Present
Ottawa, On

- Conduct Tutorials
- Grading assignments
- Proctoring exams

Roadway Designer

Bentley Architects and Engineers, Inc

2018-2020
Longwood, FL

- Work within a team of professionals to support our roadway design and planning projects
- Design transportation improvements for roadway, intersection, and interchange design; analyze/evaluate traffic improvements; support traffic/safety studies; support land use planning and urban design studies
- Work with engineering team in developing preliminary and final design plans and details.
- Follow various DOT Standards and work with company's CAD Standards when applicable.

AutoCAD Drafter

LinearLogix Corporation

June- August 2017
Sebastian, FL

- Design AutoCAD drawings to meet company standards
- Assist the systems engineer with drawing designs
- Organize data

Civil Engineer Intern

Lassiter Transportation Group, Inc

May- December 2016
Melbourne, FL

- Work and consult with professional engineer on projects
 - Create Traffic Impact Studies/Analysis
 - Reviewing plans and creating segment analysis
 - Take measurements on job site
 - Write Methodology letters
 - Use both Micro station and AutoCAD for Signal designs
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VOLUNTEER WORK**Unmanned Aerial Systems Lab Helper**

Florida Institute of Technology

Melbourne Fl

Fall 2016 – Spring 2017

- Prepare Lab equipment for fly operations.
 - Construct maintenance on lab equipment
 - Follow Part 107 standards in all UAS operations.
 - Solder equipment when requested.
 - Ensure safe flight operations.
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ACTIVITIES

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|---|---------------|
| • American Society of Civil Engineers (ASCE), Florida Institute of Technology Chapter | 2014- 2020 |
| • Kappa Theta Epsilon member | 2015- 2018 |
| • Procore certification: Engineer, Architect, Project Manager | December 2017 |
| • Florida Engineering Society member | 2018- 2020 |