

Ahmed Jamal

Aspiring Software Engineer

To leverage skills gained from previous academic and professional experiences to quickly learn and grow in a Software Developer position. A highly motivated self-starter, committed to professional and personal development, with a strong desire to build a successful career in the field of Software Engineering. Analytical, detail-oriented and a perpetual learner, with demonstrated ability to problem solve and complete all tasks at hand, no matter how difficult.

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EDUCATION

Aerospace Engineering (B.Eng)

Ryerson University

09/2012 - 04/2018

Toronto, Ontario

Software Engineering Immersive

General Assembly

07/2020 - 10/2020

Toronto, Ontario

WORK EXPERIENCE

Structural Airframe Assembler

De Havilland Aircraft of Canada Limited

08/2018 - 07/2020

Toronto, Ontario

Achievements/Tasks

- Achieved Level 1 Structural Airframe Assembler certification.
- Worked on the assembly line in a 7 person team to complete the flight compartment stuffing for the Dash-8 program within given time period.
- Completed sub-assembly components and install completed sub-assemblies components into aircraft by reading and interpreting assembly blueprints as well as using skills gained through training course.

Mechanical Engineering Intern

The Sky Guys

05/2017 - 12/2017

Oakville, Ontario

Achievements/Tasks

- Designed undercarriage using 3D computer-aided design (CAD) software, SolidWorks, given specific size and payload parameters.
- Manufactured undercarriage using 3D printer, tested undercarriage with UAV and payload to see if all criteria were met, making changes throughout as necessary, to simplify the design and increase efficiencies in reducing material used in the manufacturing process, all while adhering to the original criteria.
- Constructed composite tail section of the wing using a mold created using Solidworks, carbon fibre, epoxy resin, and vacuum pump.
- Manufactured ribs for tail section using 3D CAD software, Solidworks, and 3D printer and assembled tail section of the UAV to specification provided.

SKILLS AND COMPETENCIES

HTML

CSS

JavaScript

Python

Node.JS

Express.JS

React.JS

Mongo DB/Mongoose

Django

SQL/NoSQL

Interpersonal

Leadership

Teamwork

PERSONAL PROJECTS

Eventer (09/2020 - 10/2020)

- In a team of 3, created a MERN Stack application that allows for users to post events that they are hosting as well as have the ability to attend events others are hosting
- <https://github.com/lenugabrun/Eventer>

General Assembly - Electronic Medical Records (GA-EMR) (09/2020 - Present)

- In a team of 3, using Python and Django, set up a system that would allow for doctors to view all their assigned patients, and patients to view their doctors, as well as any prescriptions, notes, or upcoming appointments
- <https://github.com/rahulgupta15/generalassemblyemr>

Connect4 (07/2020 - 07/2020)

- Using HTML, CSS, and JavaScript, created a functioning player vs. player Connect4 game
- <https://github.com/AhmedJamal93/Connect4>

Covid19 Tracker (04/2020 - 04/2020)

- Using Python and libraries pandas and matplotlib, created a program that would update daily cases, deaths, and recoveries from each country
- <https://github.com/AhmedJamal93/Covid19>

CERTIFICATES

Programming for Everybody (Getting Started with Python) (06/2019 - Present)

University of Michigan on Coursera

Python Data Structures (03/2020 - Present)

University of Michigan on Coursera

Using Python to Access Web Data (04/2020 - Present)

University of Michigan on Coursera

Using Databases with Python (04/2020 - Present)

University of Michigan on Coursera