

SAMEE SHAHOOD

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EDUCATION

Bachelor of Computer Science - Carleton University
Concentration in **Software Engineering**, Minor in **Statistics**, CGPA 10.9/12 GPA (A)

09/2019 - PRESENT
Ottawa, ON

WORK EXPERIENCE

Modem Optical Engineer Intern - Ciena

05/2020 - 08/2020
16 WEEKS
REMOTE | Ottawa, ON

MATLAB

SourceTree

- Communicated and worked with the modem optical team to **optimize and improve module testing**
- Used Matlab App Designer to **create a standalone application to debug DCO Modules**, allowing lab workers to **debug modules without a Matlab license**
- Analyzed tests performed on pluggable transmitters using application designed by Ciena called DnA

Teaching Assistant - Carleton University

08/2020 - 12/2020
REMOTE | Ottawa, ON

- Engaged with students to improve their overall understanding of the course material
- Conducted course tutorials through applications such as Zoom and BigBlueButton
- Corrected students assignments on time with careful attention to detail

VOLUNTEERING

Project Developer - CU BluePrint

05/2020 - 03/2020
REMOTE | Ottawa, ON

Python

Flask

- Using Flask, Python, to contribute to developing the backend of a customer-relationship platform for a non-profit interest-free lending organization

PASSION PROJECTS

CheckTheNumbers

DYNAMIC HOCKEY FANTASY WEBSITE

JavaScript

MongoDB

NodeJS

AngularJS

ExpressJS

SocketIO

NHL API

- A dynamic website project whose goal is to serve as a modified hockey fantasy website
- Used MEAN Stack and socketIO to **create a dynamic fantasy hockey website with a user system**, creating a **platform for users to play fantasy hockey**
- Created a scoring platform based off real NHL players by fetching data from the official NHL API

DataOnTarget

samee-shahood.github.io/DataOnTarget/

Python

HTML

CSS

API

- A website which used NHL data to produce a metric representing the quality of shots against when X player is on the ice
- Fetches shot position and ice time game data** from the NHL API to **create a shot quality based metric** in order to use **HTML and CSS to represent the metric on a website**

AWARDS

Carleton University 2019/2020 **Dean's List Recipient**

C J Mackenzie Scholarship Recipient for the 2020/2021 academic year

Admitted to Carleton University with **Bachelor of Computer Science Entrance Award** scholarship

PROGRAMMING LANGUAGES

JavaScript

Python

Java

Matlab

NodeJS

SocketIO

HTML

CSS

ExpressJS

Flask

MongoDB

C

AngularJS

TOOLS

Git

API

Adobe Photoshop

MongoDB Atlas

Confluence/JIRA

MiniTAB

SAS

SourceTree