

SAMEE SHAHOOD

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EDUCATION

Bachelor of Computer Science - Carleton University

2019 - 2023 | Ottawa ON

Concentration in **Software Engineering**, Minor in **Statistics**, **CGPA 10.9/12 GPA (A)**

AWARDS

- Carleton University 2019/2020 **Dean's List Recipient**
- **C J Mackenzie Scholarship** Recipient for 2020/2021
- Admitted to Carleton University with **Bachelor of Computer Science Entrance Award** scholarship.

WORK EXPERIENCE

Modem Optical Engineer Intern - Ciena

MAY 2020 - AUGUST 2020 | 16 WEEKS | REMOTE

MATLAB

SourceTree

DnA

- Communicated and worked with the modem optical team to **optimize and improve module testing**
- Used Matlab to write and re-write relevant module testing functions
- 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
- Used SourceTree to push and pull code from team wide repositories

PROJECTS

CheckTheNumbers

DYNAMIC HOCKEY FANTASY WEBSITE

JavaScript

MongoDB

NodeJS

API

AngularJS

ExpressJS

SocketIO

- 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**

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**

PROGRAMMING LANGUAGES

JavaScript

Python

Java

Matlab

NodeJS

ExpressJS

SocketIO

HTML

CSS

MongoDB

AngularJS

TOOLS

Git

API

Adobe Photoshop

MongoDB Atlas

Confluence

MiniTAB

SAS

SourceTree