NATHAN SHUMMOOGUM

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EMPLOYMENT

Data Science Intern   **Pratt and Whitney Canada**   **Fall 2016**

- Automated the creation of forecasting charts, used in weekly meetings, to clearly depict inefficiencies in the workforce.
- Created an application to predict when engine repairs would be completed and shipped based on previous data.
- Created an application to compare company workforce to predicted upcoming workload for several global plants. The application was used to justify hiring requests, resulting in 10 less employees recruited.
- Created a slotting app, where users could keep track of engines up for repair.

Software Engineer, Intern   **Nuance Communications**   **Fall 2017**

- Automated the generation of test case scripts from excel worksheets.
- Created a parser to parse log test results and flag failed cases.
- Automation of test commands onto physical head unit.

EDUCATION

Dawson College, Montreal, QC
DEC in Health Sciences (2013-2015)

- First choice program (advanced sciences)

Concordia University, Montreal, QC
Bachelor of Engineering – Computer Engineering (2015-2019)

- GPA: 3.2

PROJECTS

Gym Pass App *(Android, Java, C++)*

- A gym membership android app accompanied with an IOT door.
- Users can use the app to access the gym, track the crowdedness and receive notifications.
- The app includes an admin account that can scan passes to validate memberships.

I Want Out *(MongoDB, Express, React, Redux, Node, Semantic-UI)*

- A react web app that helps users plan a move to a brand-new city.
- Users can create a simple profile and be matched with a city.
- Using the teleport API, users can quickly search for cities by name and visualize major details.

Choices *(Android, Java)*

- An android app that helps users select a restaurant, bar or activity nearby.
- The app uses Google Places API to locate nearby establishments and retrieves their details.
- Users can filter by different categories and use a swipe feature to like or dislike a recommendation.

SKILLS

Java ● C++ ● Python ● React ● Node ● Android ● MATLAB ● C ● Arduino ● ESP8266 ● Raspberry Pi