

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.
- Created a slotting app, where users could keep track of engines up for repair.

Software Testing, Intern

Nuance Communications

Fall 2017

- Automated the generation of test case scripts from excel worksheets.
- Creating and automating test 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
- Anticipated date of graduation: December 2019

PROJECTS

OpenMRS (MATLAB, PHP, Laravel, Team)

- An full-stack web application to process and analyze MRS data from MRI machines
- Open source project to help researches analyze data to predict Alzheimer's disease
- Built to replace existing software priced at \$15,000 per license.

Yelp Recommender System (python, spark, AWS, Individual)

- 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.

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

- 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.

SKILLS

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