**CONTACT**

* Ottawa, Canada
* Bluedreambd013[@gmail.com](mailto:darrellgarrett344@gmail.com)

**SKILLS**

*Programming:*

* SPSS
* SAS
* R
* MATLAB
* Demetra+
* Python

*Big Data*:

* Hadoop
* Spark
* Storm

*Tools and Software:*

* SQL
* STAN
* Tableau
* Pentaho

*Languages*:

* English (Native)
* Chinese (Conversational)

**EDUCATION**

**Carleton University**

Bachelor of Science in Computer Science

Ottawa, Ontario, Canada,

10/2010-06/2014

**OTHER**

* Principal Data Scientist (PDS)
* Certified Analytics Professional (CAP)

JAMES ROBERT

Data Scientist/Full Stack Developer

**WORK EXPERIENCE**

**Shopify,** Toronto, Canada

Data Scientist 08/2021 – Present

* Increased the usage and adoption of AI in 20+ departments by implementing RESTful APIs to surface machine learning predictions.
* Designed an anomaly detection framework for 10+ digital channels of RW, reducing monthly loss avoidance by $23K.
* Built an interactive dashboard for 120+ private sector clients to explore employment and investment opportunities across 30+ geographies.
* Developed a smart solution that reduced the number of manual data entries from 89% to <5%, decreasing processing time from 20+ days to 48 minutes.

**Wattpad,** Toronto, Canada

Full Stack Developer 10/2019 – 07/2021

* Optimization web services and APIs that enabled seamless communication between front-end and back-end components, enhancing performance by 20%.
* Set up a relational database manager for storage, retrieval, and manipulation of data, leading to improved data accessibility by 30%.
* Developed databases and data storage solutions, improving data retrieval times by 40% and reducing data loss by 50%.
* Collaborated with the UX team to optimize the user experience, resulting in a 15% increase in customer satisfaction scores.

**Lightspeed,** Burnaby, Canada

Database Developer 11/2018 – 09/2019

* Developed a database to track purchase orders, invoices, and shipping information from 1350+ clients.
* Devised and implemented an email package that automatically notifies 150+ developers about issues with overnight backups within 10 seconds of the incident.
* Created an ETL system that pools data from 85+ OLTP sources to a staging area then transforms and loads it into a data warehouse that provides 85% of the information executives use to make decisions.
* Developed an SQL Server Integration Services (SSIS) package to transmit files from 240+ sources and load the data into multiple SQL database tables.

|  |  |  |  |
| --- | --- | --- | --- |
| **PREVIOUS EXPERIENCE** |  | | |
| **Junior Web Developer,** Apptaura, London, United Kingdom | 06/2017 | – | 10/2018 |
| **Statistical Programmer,** Quantexa, London, United Kingdom | 01/2016 | – | 05/2017 |
| **Junior Data Analyst,** Acronis, Singapore City, Singapore | 07/2014 | – | 12/2015 |