Sergey Derbeko

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**Skills**

* Advanced Excel Skills, VBA/macros
* SQL querying and SSMS
* R, Shiny Apps and RStudio
* Python: NumPy, Pandas, Matplotlib
* BI platform: Tableau.
* Understanding programming concepts
* Statistics: linear regression, probability distributions, hypothesis testing, ANOVA
* Math: algebra, calculus, linear algebra, optimization
* Generally Accepted Accounting Principles

**Experience**

* **AP and AR Coordinator** – Oakridge Landscape Contractors, June 2018 – current:

Full-cycle Accounts Payables, full-cycle Accounts Receivable, reconciliations, financial reporting, budgeting, project accounting, general ledger accounts and financial lines set up. Analysis using Excel, Python. Automation and reporting using VBA. ERP system: Jonas Construction.

* **Office Administrator** – Simply Smart Home, August 2016 – August 2017 & January 2018 – June 2018:

Inventory management, inventory reconciliations, paperwork processing, reporting using Excel.

* **Jr. Credit Analyst** – Priority Car Financing, September 2017 – January 2018:

Credit Bureau (TransUnion, Equifax) analysis, financing decision, contract liaison.

* **CSR and mentor** – Sitel, April 2015 – August 2016.

Coaching tech-support team, sales and troubleshooting training.

* **Researcher** – Niagara College, September 2015 – May 2016:
* **Statistics tutor** – Niagara College, January 2013 – April 2013.

**Education and certificates**

* **McMaster University: Foundations of Data Analytics Certificate,** September2019 – April 2020, GPA 90:

Entity relationship databases, statistics, object-oriented programming. ­

* **Niagara College: Bachelor of Business Administration (BBA),** September 2012 -June2016, GPA 83:

Financial concepts, accounting principles, marketing, international commerce, economics.

* **Coursera: Applied Data Science (University of Michigan),** May 2020 – Currently enrolled:

Data extraction, data cleaning, visualization, machine learning, natural language processing.

**Projects**

**R:** [Shiny App (T vs Normal Distribution)](https://barsuk.shinyapps.io/TvsNDapp/), [Time Series Analysis](https://rpubs.com/SergeyDerbeko/650386)

**Python:** [Hypothesis Testing](https://github.com/barsuksergey/thebadger/blob/master/Uni%20towns%20Hypothesis%20testing.ipynb), [Correlation visualization (Seaborn)](https://github.com/barsuksergey/thebadger/blob/master/Red%20Wings%20win%20rate%20to%20revenue%20cor.ipynb)

**VBA:** [Payables Automation](https://github.com/barsuksergey/thebadger/blob/2f57af12fce8ae74e6a9e7752f6048a07bdc87bc/VBA:%20Payables%20automation)

**SQL:** [Queries examples (Northwind sample database)](https://github.com/barsuksergey/thebadger/blob/master/SQL%20queries.sql)