

## HIGHLIGHTS

- Solid background in Python, R and SQL
- Knowledgeable about diverse data science techniques applicable to business problems
- Proficient in creating interactive applications using a variety of web frameworks in Python and R
- Quick learner, independent but collaborative worker, and critical thinker

## RELEVANT PROJECTS

### Business analytics and reporting

- Integrate supervised and unsupervised machine learning to analyse customer churn ~
- Survival analysis ~
- Association rule mining ~
- Factor analysis of mixed-type data ~
- Exploration of feature importance ~
- Dynamic sales dashboard ~

### Data management

- Interactive SQL tutorial ~

### Web development

- Intelligence Refinery ~
  - Curated data science and software development knowledge repository
- The Perennial Beginner ~
  - Personal data science portfolio and blog
- Data science podcast explorer ~
- Grocery flyer and personal spending tracker ~


### Others

- Web scraping and analysis of data science topic trends on Medium.com ~
- Annotation and comparative analysis of *Lymnaea stagnalis* central nervous system transcriptome (unpublished) ~

# Nancy Chelaru

 Toronto, Canada

 nancy.chelaru@gmail.com

 647 213 4678

 nancychelaru.rbind.io

 github.com/nchelaru

## SKILLS

### Python



pandas, scikit-learn, seaborn, Plotly, scrapy

### R



arules, survival, ggplot2, rvest, Shiny

### SQL



### Web development



HTML, CSS, Javascript

### Microsoft Office Suite



Word, Excel, PowerPoint

## EDUCATION

### University of Toronto

PhD program, Neurophysiology  
2015 – 2018

- Completed all degree requirements except for dissertation
- Canada Graduate Scholarship awardee

### University of Toronto

Honours Bachelor of Science  
2009 – 2013

- Specialist in Neuroscience, Minors in Physiology and Psychology
- Cumulative GPA: 3.95