

LUAN NGUYEN

DATA SCIENTIST

luan.nguyen.nd@gmail.com
(913)-291-7355
linkedin.com/in/Lnguyen7-nd
github.com/Lnguyen7-ops

EXPERIENCE

Chemist Researcher | University of Kansas

JUL 2016 – SEP 2019, LAWRENCE, KS

- Conducted extensive research to characterize and analyze chemical properties of catalyst materials.
- Researched, wrote, and published 32 professional publications in peer reviewed journals.
<https://scholar.google.com/citations?user=zEIXc2MAAAAJ&hl=en>
- Increased research capability of the research center by successfully designing and building the first and only AP-XPS instrument at this facility.
- Enhanced knowledge and research skills of graduate students through effective training and mentorship.

EDUCATION

BrainStation | Diploma Candidate, Data Science

AUG 2020 - NOV 2020, TORONTO, ON

University of Notre Dame | Ph.D. in Chemistry

AUG 2011 – MAY 2016, SOUTH BEND, IN

Grand Valley State University | B.S. in Chemistry, Mathematics

AUG 2007 – MAY 2016, SOUTH BEND, IN

PROJECTS

Emergency Calls Volume Prediction | Data Scientist

SEP – OCT 2020

https://github.com/Lnguyen7-ops/Improve_neighborhood_safety_by_predictive_patrolling

- Using historical emergency calls records along with information about human mobility within the city from gps-tagged tweets to *predict future* emergency calls volume of each neighborhood in Detroit city, Michigan. The results can be used by city officers for predictive patrolling.
- Data obtained from Detroit city API and Twitter API.
- Tools used: Python, Scikit-learn, TensorFlow, RNN.

SKILLS

Python, TensorFlow, R, SQL,
Hadoop, Google Analytics,
GitHub, Tableau

PROFILE

I am an analytical and detail oriented professional with a strong background in scientific method approaches, and mathematics. I am passionate about tackling problems and creating solutions, which can benefit society, through insights gained from data. I have a proven ability to develop new ideas and concepts to contribute to program development for organizations.