

ELIZABETHYIM

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CAREER SUMMARY & OBJECTIVE

Data Analyst with pharmaceutical background who focuses on writing organized and efficient code—all with an eye for streamlined visuals and clean, beautiful designs. Seeking challenging opportunity to translate numbers into human behavior.

TECHNICAL SKILLS

PYTHON 3 PROGRAMMING

- API Calls and Interactions
- Beautiful Soup
- JSON
- Matplotlib
- NumPy
- Pandas
- Requests
- Social Media Mining
- Tweepy

FRONT END VISUALIZATION

- Bootstrap
- Cascading Style Sheets
- Dashboarding
- Geomapping: Carto, Leaflet.js
- HTML 5
- JavaScript: D3.js, jQuery, Math.js, Plotly.js
- R
- Tableau

ADVANCED EXCEL

- Pivot Tables
- Visual Basic Application Scripting

DATABASES

- MongoDB
- MySQL

ADVANCED TOPICS

- Hadoop
- Machine Learning

PROJECTS

TIL DEATH DO US CHART 07.2018 - 08.2018

- A deep-dive study using machine learning to predict marital status using data from the National Longitudinal Survey of Youth 1997.
- Developed project website; created project idea and found relevant dataset; utilized opacity of data points to yield clearer visualizations.
- Languages Used: Python (Pandas, SciPy), JavaScript (D3.js, Plotly.js), Machine Learning, HTML, Bootstrap
- Link: <https://TilDeathDoUsChart.github.io>

WEST NILE VISUALIZATIONS 06.2018

- A series of visualizations of data from Project Tycho, a University of Pittsburgh project that compiles and standardizes global datasets of infectious diseases.
- Spear-headed cleaning of raw data and translating to HTML using jQuery; produced interactive visualizations using JavaScript.
- Languages Used: Python (Pandas, Matplotlib, Numpy, JSON), JavaScript (D3.js, Plotly.js, jQuery, Leaflet.js), SQLite
- Link: <https://yimej.github.io>

WINE QUALITY ANALYSIS 04.2018

- An analysis of wine reviews from Kaggle that explores the various relationships among rating, country of origin, and price.
- Instrumental in creating project idea and exploring possible datasets; produced streamlined visualizations.
- Languages Used: Python (Pandas, Matplotlib, Numpy, Tweepy)
- Link: <https://yimej.github.io>

EDUCATION

GEORGE WASHINGTON UNIVERSITY, Washington, DC

02.2018 - 08.2018

Data Analytics Boot Camp Certificate

- Part-time six-month program that covered major data analytics topics, including: Python 3 programming, social media mining, front-end visualization, geomapping, big data analytics, machine learning, predictive statistics, data modeling, and database manipulation.

VIRGINIA COMMONWEALTH UNIVERSITY, Richmond, VA

08.2014 - 05.2017

Bachelor of Science in Interdisciplinary Science with Minors in Biology and Chemistry

- Studied the core sciences (emphasis on biology and chemistry) and their relation to interdisciplinary issues, with the intention of applying to pharmacy school.
- Relevant Courses: Applications of Statistics, Research Methods in the Social Sciences

NORTHERN VIRGINIA COMMUNITY COLLEGE, Annandale, VA

08.2011 - 08.2014

General Studies

- Relevant Course: Calculus I with Analytic Geometry

EXPERIENCE

SHOPPERS PHARMACY, Lorton & Franconia, VA

03.2017 - Present

Certified Pharmacy Technician

- Allowed to accurately compound topical creams and oral suspensions for patients.
- Given responsibility of assisting monthly inventory of Schedule II drugs as needed.
- Fine-tuned patient centric interpersonal skills.

CVS PHARMACY, Richmond & Fairfax Station, VA

12.2015 - 03.2017

Pharmacy Technician Trainee, Certified Pharmacy Technician

- Virginia Board of Pharmacy Certified since November 2016.
- Learned importance of and adhered to HIPAA, patient privacy, and federal and state regulations.
- Given responsibility of accurately receiving federally regulated pseudoephedrine products.
- Strengthened technical accuracy.