

ELIZABETHYIM

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CAREER SUMMARY & OBJECTIVE

Data Analyst with healthcare experience who strives for efficiency and thoroughness—all with an aptitude for streamlined workflow and an eye for clean, beautiful designs. Pursuing opportunity with a team that translates numbers into human behavior and works to better the world.

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
- SQL

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, JSON, NumPy), 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 Pittsburg 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 clear visualizations.
- Languages Used: Python (Pandas, Matplotlib, Numpy)
- 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.