ROMAN SVINTITSKYY

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EDUCATION

Northwestern University, McCormick School of Engineering   **Evanston, IL**
BS/MS in Computer Science (GPA: 3.8/4.0)   September 2019 – December 2023
- **Relevant Coursework:** Object-oriented Programming, Data Structures and Algorithms, Algorithms Design and Analysis, Statistics, Data Science, Data Visualization, Machine Learning, Game Development, Linear Algebra
- **Programming Languages:** Python (NumPy, Pandas, Matplotlib, Scikit), Java/Groovy, SQL, R, Swift, C#

WORK EXPERIENCE

Lumen Technologies   **Chicago, IL**
Software Engineering Intern   June 2022 – August 2022
- Automated the process of updating combinations frequencies of data features by creating a cron job in the form of a stand-alone Apache Maven project script written in Java+SQL that creates an updated .csv file at a server location
- Reduced time needed for cache miss error mitigation by developing a REST API written in Groovy/Java and SQL that predicts whether a given data instance should exist in the data source using IntelliJ IDE and Jenkins
- Used Git Bash to commit and push code changes and DbVisualizer to retrieve data from SQL databases
- Integrated effectively into the team's Agile processes: broke larger epics into smaller user stories using Jira, groomed them, and made accurate time estimates through story points for a given two-week sprint

HBR Consulting   **Chicago, IL**
Consulting Intern   March 2022 – June 2022
- Assisted with a topic modeling project in Python aimed at creating a classification tool for legal matters categories
- Performed data analysis and created data visualizations including dashboards using Excel and PowerBI
- Assisted with drafting project progress presentations and attended relevant client meetings
- Created a detailed step-by-step guide based on the department needs on how to use relevant data science software

Department of Computer Science, Northwestern University   **Evanston, IL**
Peer Mentor (Multiple Classes)   September 2021 – present
- Led Office Hours for Data Privacy class, grade homeworks, and clarify topics from class
- Led Office Hours for Data Management and Information Processing class of 50+ undergraduate students; clarified topics from class on complex SQL queries and answered questions about database use, debugging, others
- Led Office Hours for Intermediate Data Science class of 50+ undergraduate students; clarified topics from class on Linear and Logistic Regression and non-linear prediction models (Ensemble modeling, Gradient Boosting, others)

PROJECTS & COURSES

Enterprise Social Media Project, SONIC Lab, Northwestern University   **Evanston, IL**
Data Science Intern   September 2021 – March 2022
- Performed data cleaning, statistical analysis (ERGMs), and data visualization to examine digital communication data
- Wrote a function in R to parse JSON-like corporate communication data and convert it into a data frame format

LEADERSHIP & ACTIVITIES

Ukraine Global Scholars   **Remote, Ukraine**
Mentor   July 2020 – present
- Mentored a high school student from Ukraine on his admissions to top-tier universities abroad; provided tips on taking the SAT, which resulted in his score being in the 98th percentile; provided motivational support
- Created a feasible timeline for the admissions process and supervised the essay writing process

SKILLS & INTERESTS

Skills and Software: Git Bash, Postman, IntelliJ, Jenkins, Jupyter Notebook, DbVisualizer, Excel, PowerBI, Unity

Organizations: UWC Ukraine Committee, Ukraine Global Scholars, Northwestern International Student Association
Languages: English (Full Working Proficiency), Italian (Conversational), Ukrainian (Native)
Interests: Volunteer Service, Learning Languages, Couchsurfing, Slow Travel, International Cuisine