

SHAHBAZ SYED

3951 West Sherwin Avenue, Lincolnwood, IL 60712 ♦ (847) 769-0681 ♦ shasye54@gmail.com

EDUCATION

DePaul University, Chicago, IL

December 2019

Master of Science, Computer Science– Specialization in Data-Science

University of Illinois, Urbana-Champaign, IL

August 2017

Bachelor of Science, Molecular and Cellular Biology

WORK EXPERIENCE

TRUMPF Inc., Smart Factory, Hoffman Estates, IL

May – August 2018

Applications and Support Engineering, Intern

- Developed program to efficiently parse/analyze files specific to TRUMPF software that calculated and outputted data into spreadsheet to be used with clients (Python, openpyxl)
- Initiated the idea to gather data on the uptime/downtime of the main TRUMPF server into a database in order to be analyzed to prevent future bottlenecks
- Managed and worked on quality control testing for different laser/sheet metal storage machines
- Created local webpage for colleagues for live camera feeds on machines/workplace and automated tasks from other coworkers
- Learned about the manufacturing industry, equipment, software, etc. from the ground up while trying to incorporate working CS knowledge to further optimize the workplace

Ballot Ready, Chicago, IL

Researcher

- Assisted team with the core mission of Ballot Ready by reporting, compiling, and updating data through web scraping

PROJECTS

iOS Apps

- Released a game coded in Lua/Corona featuring object-object collision, fluid touch and object movement, local score keeping
- Created an app after training an object-recognition machine learning model (VGGNet) using Swift, TuriCreate, and CoreML that could recognize Pokémon

J-Paint

- Created a paint application in java as a class project using various object-oriented design patterns and UML diagrams
- Currently working on statistical data analyses utilizing large public datasets to further develop skills with data cleansing and dealing with big data

SKILLS & INTERESTS

Programming Languages: Python, PL/SQL, Java, C, R, SAS

Developing Software/Frameworks: Hadoop (Hive, Spark, etc.), Tableau, Pandas/Numpy

Languages: English, Spanish, Urdu/Hindi