Yatin Kapur

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TECHNICAL SKILLS

LANGUAGES: Python • Racket (Scheme) • C • SQL • HTML5 • CSS • LaTeX
FRAMEWORKS & LIBRARIES: Flask • Bootstrap • Numpy • Pandas • Matplotlib • Re • BeautifulSoup
TOOLS: Vim • Git • IPython/Jupyter Notebook • JIRA • HP Quality Control

EXPERIENCE

INDIGO BOOKS & MUSIC, Junior Quality Assurance and Support Analyst *Brampton, ON | May 2017 – Present*

- Operated with ERP and EWM modules in SAP to test interfaces and order waves processing in the deployed software to ensure label printing, shipping status, and procurement logic was maintained.
- Wrote and executed **over 100** test cases in HP Quality Control, while reporting bugs found to JIRA.
- Applied SQL queries in Microsoft SQL Server 2016 to find, select, and process vendor and shipping data into and out of warehouses for test data preparation and aggregation.

GOLDEN SPEAKER'S CLUB, Marketing Executive – Web Developer *Waterloo, ON | October 2016 – April 2017*

- Designed and developed the Golden Speakers website with HTML & CSS.
- Implemented change in timings to increase attendance to bridge gap between council and students.
- Delivered and engaged in public talks with students and teaching mentors.

PROJECTS

$TICKER *July 2017*

- A responsive stock ticker for NASDAQ symbols with live quotes available ondemand with **60 second granularity**.
- Implemented with data collected from googlefinance library in Python and googlefinance web csv feeds.
- Python, Flask, Heroku, Matplotlib, Pandas, Bootstrap.

PASSWORD ANALYSIS *June 2017*

- Tested a sample of **61682** user entered passwords to classify into character based categories using **regex**.
- Conducted **entropy analysis** to decipher strength and wrote a script to increase password entropy by **30.24%**.
- Python, Jupyter, BeautifulSoup, Re, Matplotlib, Pandas.

VIZ-A-WEEK *June 2017*

- Commitment to publishing a weekly data visualization from webscraped or publicly available datasets to reddit.
- Implemented practices of validating, calculating, and filtering data to find appropriate visualizations.
- Python, Seaborn, Matplotlib, Pandas.

FIND FOOTY *July 2016*

- Gave analysis of soccer events using performance based metrics.
- Compared **expected goals (xG)** with **points dropped** to find a correlation between goalkeepers stability.
- Using the **Time to Shoot (TTS)** and **expected goals (xG)**, predicted the Euro 2016 knockout match outcomes with an accuracy of **56.25%**.

EDUCATION

UNIVERSITY OF WATERLOO | Candidate for Bachelor of Computer Science *2016 – 2021*
WILFRID LAURIER UNIVERSITY | Candidate for Bachelor of Business Administration *2016 – 2021*