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*

- Managed shipping logistics, label printing, and procurement logic in ERP and EWM modules in SAP.
- Wrote and executed **over 100** test cases in HP Quality Control, while reporting bugs found to JIRA.
- Prepared and aggregated vendor, product, and shipping data from tables using SQL queries in Microsoft SQL Server 2008.

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*