YATIN KAPUR

- **ykapur@uwaterloo.ca**
- **yatinkapur.com**
- **linkedin.com/in/yatinkapur**
- **github.com/yatin-kapur**

TECHNICAL SKILLS

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

EXPERIENCE

Indigo Books & Music
Junior Quality Assurance & Support Analyst — *Toronto, ON | May 2017 – Present*

- Managed shipping logistics, label printing, and procurement logic using ERP and EWM modules in SAP
- Wrote and executed over 100 tests in HP Applicaiton Lifecycle Management while reporting bugs 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 Speaker's website with HTML & CSS
- Implemented change in timings to increase attendance and bridge the gap between council and students
- Delivered and engaged in public speeches with students and teaching mentors

PROJECTS

$ticker
ykticker.herokuapp.com — *July 2017*

- A responsive stock ticker for NASDAQ symbols with live quotes available on-demand 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
github.com/yatin-kapur/password-analysis — *June 2017*

- Tested a sample of 61,682 user entered passwords and classified them into 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
reddit.com/u/viz-a-week/submitted — *June 2017*

- Series of 10 data visualizations of varied datasets posted on Reddit during time off in the summer
- Regularly implemented practices of validating, calculating, and filtering data to find appropriate visualizations
- Python, Seaborn, Matplotlib, Pandas

Find Footy
findfooty.ca — *July 2016*

- Gave analysis of soccer events using performance based metrics
- Compared expected goals (xG) with points dropped to measure goalkeeper 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*