

# Yatin Kapur

- [ykapur@uwaterloo.ca](mailto:ykapur@uwaterloo.ca)
- [yatinkapur.com](http://yatinkapur.com)
- [linkedin.com/in/yatinkapur](https://linkedin.com/in/yatinkapur)
- [github.com/yatin-kapur](https://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 and 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 Application Lifecycle Management 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 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 61682 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

- 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

findfooty.ca

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