

# YATIN KAPUR

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• [yatinkapur.com](http://yatinkapur.com)  
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• [github.com/yatin-kapur](https://github.com/yatin-kapur)

## TECHNICAL SKILLS

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**LANGUAGES:** Python • Racket (Scheme) • C • SQL • HTML5 • CSS •  $\text{\LaTeX}$

**FRAMEWORKS & LIBRARIES:** Flask • Bootstrap • Numpy • Pandas • Matplotlib • Re • BeautifulSoup

**TOOLS:** Vim • Git • SAP • Bash • IPython/Jupyter Notebook • JIRA • HP Application Lifecycle Management

## EXPERIENCE

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### Indigo Books & Music

Junior Quality Assurance & Support Analyst

Toronto, ON | May 2017 – September 2017

- 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 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

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### \$ticker

[ykticker.herokuapp.com](http://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](https://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](https://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](http://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

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**UNIVERSITY OF WATERLOO** | Candidate for Bachelor of Computer Science

2016 – 2021

**WILFRID LAURIER UNIVERSITY** | Candidate for Bachelor of Business Administration

2016 – 2021