



# Fatema Boxwala

Computer Science Student



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github.com/fboxwala



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## Languages

Python \* C++ \* C \* Bash \*  
VB \* HTML/CSS \* JavaScript  
\* MIPS \*

## Utilities

JIRA \* Taiga \* AWS \* Git \*  $\text{\LaTeX}$  \*  
Linux \* Wordpress \* Android  
Studio \* Windows \*

## Miscellaneous

- \* testing
- \* debugging
- \* root-cause analysis
- \* troubleshooting
- \* systems administration

## Professional Skills

- \* Kanban/Agile
- \* organizing and delegating tasks
- \* public speaking
- \* professional writing
- \* policy drafting
- \* project breakdown
- \* proficiency in French, Urdu, Hindi, Gujarati

## education

2014-Present B.CS candidate in Computer Science  
University of Waterloo

Waterloo, ON

## experience

May 2018 - Present Production Engineer

Facebook

- Built a service to dynamically add useful information to oncall alerts
- Worked on **Python** tooling for layer 7 LB

Sept - Dec 2017

Site Reliability Engineer

Yelp

- Worked with puppet to configure and deploy services
- Contributed to PaASTA, platform as a service
- Worked as part of on-point rotation, performing minor incident management

Jan - Apr 2017

Production Engineer

Facebook

- Streamlined PXE provisioning process for prod servers
- Wrote, deployed **Python** HTTP services and custom dhcpd
- Built monitoring, alarms and dashboards around my services

May - Aug 2016

Software Developer/Product Manager

Rackspace Managed Security

- Developed **Python** software used to secure client servers
- Wrote server to service requests to client information database
- Broke down projects into **Kanban** epics and stories
- Owned team transition from **JIRA** to **Taiga**

2015 - 2018

Systems Administrator/Chair

WiCS Undergraduate Committee

- Maintained three **Linux** servers and two office terminals
- Sustained GitLab issue tracker for all systems issues
- Organized and delegated issues to systems volunteers
- Maintained relations with external groups
- Developed my **public speaking** and communication skills
- **Managed** other members as team leader

Sept - Dec 2015

Testing Analyst

PointClickCare

- Wrote automating scripts in **Visual Basic** and **Bash**
- **Troubleshooting** and **root-cause analysis** of software bugs
- Monitored and resolved hourly error reports
- Communicated with clients to solve support cases

## projects

JIRA to Taiga (jira2taiga)

Small **Python** script for transferring a **JIRA** project to a **Taiga** project.

WiCS Website (wics.uwaterloo.ca)

Developer for our official committee website, hosted on GitHub.

Git and Open Source Workshop (git-workshop-w16)

Curriculum developed for an introductory workshop to **Git**, GitHub and open source technology.

fbox.ca (fboxwala.github.io)

Personal website hosted on Github Pages. Static **HTML/CSS** website compiled with Jekyll

## awards

2016

Federation of Students Leadership Award

2016

WPIRG Community Builders Bursary

2014

University of Waterloo President's Scholarship