



Fatema Boxwala

Computer Science Student

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Languages

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

Utilities

JIRA * Taiga * AWS * Git * 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

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 and deployed Python HTTP services
- Ran and monitored 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 monitor and 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 - present 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
- Represented committee publicly
- 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
- Performed 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