

# HUSSEIN FAHMY

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## Skills

### LANGUAGES

Java  
C  
C++  
HTML  
CSS  
AngularJS  
SQL  
Shell scripting  
Python  
Android Development  
Flask

### COURSEWORK

Unix  
ARM assembly  
Algorithms and Data Structures  
Swing GUI Library  
Maven build automation  
Git version control  
Jira  
OO Software Design  
Computer Architecture  
TCP/IP protocol suite

## Education

Western University  
B.Sc. Honors Specialization in Computer Science 2018

## Employment

ProntoHC Remote  
Part-time Software Development Intern May 2016 to Current

- Working on Mobile App for Australian based Startup
- Using HTML, CSS, AngularJS, Ionic Framework

Western University Western University  
Research Assistant May 2016 to Aug 2016

- Worked with a Professor as a research assistant, my responsibilities included:
- Perform webpage updates and maintenance
- Refactor code to make it easier to read and understand
- Used Git, HTML, and CSS to create new pages and update existing pages on Dr. El-Sakka's website

## Projects

PlayBall 2016

- Created web application to help users find pickup games of their favourite sport
- Used Yelp's API to find nearby sports facilities
- Used HTML, CSS, JQuery, Python, and Git

Bad Boyfriend 2016

- Created android application to analyze all images stored on a person's mobile device and analyze whether they'd make a good spouse
- Used Clarifai's image recognition API to analyze photos
- Used XML, and Java in Android Studio to create this app, and Git for version control

Transform 2016

- Created a customizable dashboard for displaying health metrics such as activity and heart rate levels from Fitbit Data
- Used FitBit API to gather and store health metrics and user goals
- Used Git, Jira, Maven, and Java to complete this project

HackProof 2016

- Created a plagiarism detection web app for hackathon projects
- Used HTML, CSS, and Javascript

Yes, Mom! 2015

- Created android app designed to help people find, and post small house jobs they need done
- Used XML, Java, and Android studio to create front-end of the application
- Worked with 2 other university students

## Club Work

Western Egyptian Student's Association · Vice President of Finances 2016 to Current  
Western University

- Used excel to create yearly, and event budgets
- Prepared grant applications to increase club revenue
- Managed club volunteers and directors to plan and execute events
- Ensured the club was meeting budgetary goals by supervising financial decisions
- Prepared and submitted documents for reimbursements

## Awards

Dean's Honor List · Dean of Science, Western University 2016  
Dean's Honor List · Dean of Science, Western University 2015