

# HUSSEIN FAHMY

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## Skills

### LANGUAGES

- Java
- C
- C++
- HTML
- CSS
- AngularJS
- Shell scripting
- Android Development

### COURSEWORK

- Unix command line
- ARM assembly
- Strong understanding of data structures
- Swing GUI Library
- Maven build automation
- Git version control
- Jira

## Education

Western University

B.Sc. Honors Specialization in Computer Science 2018

## Employment

Mahmoud El-Sakka, Western University

Research Assistant

Western University  
May 2016 to Aug 2016

Worked with Professor Mahmoud El-Sakka as a research student over the summer, my responsibilities included:

- Research webpage updates
- Research webpage maintenance
- 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 for the front-end of the site
- Used Python to implement a way for users to sign into and out of a location
- Used Git for version control

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
- Used 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  
Western University

2016 to Current

- 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 Honour List · Dean of Science, Western University

2016

Dean's Honour List · Dean of Science, Western University

2015