

Mahmoud El Bestawy

Front End Developer

A capable and passionate student studying computer science with a background in design ready to change the world.



mahmoudme.com



m.e.bestawy@gmail.com



github.com/MEBestawy



Mississauga



linkedin.com/in/bestawy



647 926 9145

Personal Projects

Web Development

10/2018 - Present

Personal Website (<https://mahmoudme.com>)

- Implemented responsive website layouts using HTML, CSS/SCSS .
- Used JS/JQuery to dynamically load headers and footers.
- Implemented event-handling in JavaScript.

Android App Development

7/2019 - Present

Truth or Dare (shorturl.at/dnvGN)

- Designed app UI using Adobe XD.
- Implemented app mechanics and UI using Java, XML, and Android Studio.
- Implemented multiple modules incorporating Singleton design pattern.

Work Experience

Web Development Associate

07/2019 - 11/2019

IBA Student Group (www.ibautm.com)

- Designed different event page templates using AdobeXD.
- Assisted with the designing and building of webpages using Wix.
- Participated in team meetings to communicate progress and determine course of action.

Computer Science Instructor

11/2019 - Present

Xtend Education

- Presented Java and Python syntax such loops, functions, and conditionals to students.
- Prepared classes for students wishing to compete in the Junior CCC.

Programming Experience

JavaScript

1 year

- Used jQuery to implement animations and manipulate DOM on personal site.
- Implemented scripts to dynamically load and interact with HTML elements.
- Implemented event-handlers responsible for detection of a user's actions on my personal site.

Java

2 years

- Implemented multiple programs such as Android apps, a digital Othello game, and a digital drawing program.
- Implemented code utilizing design patterns such as MVC, Singleton, Strategy, Observer/Observable, and Factory.

Python

3 years

- Used Numpy, Pytorch to develop and train a multi-layer perceptron to predict the upcoming word in a 4-gram.
- Implemented and utilized different data structures such as linked-lists, doubly-linked-lists, trees, and BST as parts of school projects.
- Implemented and utilized iterative and recursive algorithms such as Quick-sort, Tim-sort, and Merge-sort in school projects.

Education

Bachelor of Science Candidate: Computer Science

09/2018 - Present

University of Toronto

3.35 CGPA

- Data Structures and Analysis
- Introduction to Neural Networks and Machine Learning
- Computational Complexity and Computability
- Software Tools and Systems Programming
- Probability and Statistics I