

Farid Faraji

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please check out my Website,
<https://faridfaraji.github.io/my-app/>

EDUCATION

UNIVERSITY OF BRITISH COLUMBIA
 Major in Computer Science .
 Sep 2015 - May 2019 | UBC, BC
 Cum. GPA: 3.7 / 4.33

COURSE WORK

Computer Hardware and Operating Systems(-)
 Introduction to Relational Databases(-)
 Introduction to Computer Systems (B)
 Basic Algorithms and Data Structures(B)
 Software Construction(A-)
 Models of Computation(A-)
 COMPTN PROGRMNG(A)
 Intermediate Experimental Physics I(A)
 Intermediate Experimental Physics II(A)
 Matrix Algebra(A-)
 Machine Learning and data mining (-)
 Operating System and computer Systems(-)
 Elementary Differential Equations I(A)
 StackSkills online course
 on swift and IOS(-)
 StackSkills Web Developer Masterclass(-)

SKILLS

PROGRAMMING

• Microsoft Azure • .NET FrameWork • IOS development • Android development • Machine Learning • Matlab • C# • Python • C • C++ • Java • R • Swift • Assembly Language (RISC) • Go • JavaScript • Java FX • SOAP (Simple Object Access Protocol) • REST • LaTeX • CSS • HTML • JavaScript

TOOLS

• TensorFlow • AutoCad • JDK • react • flutter • Xcode

AWARDS

2013-2015 | EF Academy, New York
 KSEA Certificate of Merit
 President's Award 2014 for Physics
 11th Grade Student of the Month Award
 2015-present | UBC, Vancouver
 OIS award (Scholarship)

CLUBS & GROUPS

2017-present | member
 UBC ACM team : solving acm questions and learning about their algorithms

PROJECTS

ANDROID APP: TVSHOW DATABASE, VOCABULAIRE (PERSONAL PROJECT)

- click [HERE](#) to see the CPSC 304 project and my other repositories
- TVShow database is a website which queries from massive database of TV rating I made with MySQL, the backend was done using PHP, front end CSS and HTML.
- The Vocabulaire android app is a french to English dictionary app I created as a personal project. you can view it on github link above.
- Using SQLite database, store the words and their definitions
- using Google firebase for user authentication and notification and also personal lists of each user.
- Using many different design patterns and also learning about user interface building in Android.
- using restful API method converting the data into JSON and XML formats.

MIST DESIGN TEAM Website

Sep 2018 – present | Vancouver, BC

- the Data Analysis (Machine learning) sub team and
- My responsibilities include making the backend of the app, I am responsible for running the Machine learning model in AWS EC2 Engines and store the data in AWS database
- creating machine learning models for classification of pulse rates and other biological signals.

UBC ROCKET TEAM

Supervisor: Simon Bambey

September 2016 – Dec 2016 | Vancouver, BC, UBC

- working in the Avionics section of the group in charge of the safe return of the rocket along with other members.
- It involved calculating the speed and simulating the conditions of landing to design a suitable 2 stage parachute.
- testing and modifying the parachute and also ejecting the parachute successfully at right altitude.

I did not include every project please check out my Github page <https://github.com/faridfaraji>

INTERESTS

- Machine Learning, Optimization, Deep learning
- Simulations and software design in general