# David Huang



Profile

* + - A versatile, hardworking software developer that enjoys problem-solving and learning new things.
    - Enthusiastic team player that is dedicated to resolving issues in an efficient and elegant manner.
    - Organized planner that strives to improve the quality of systems design, documentation and code.
    - Efficient algorithm designer with knowledge in data structures and algorithms, striving to create efficient time and space complexity algorithms.

Technical Skills

* + Familiar languages: C, C++, Java, JavaScript, TypeScript, Sql/Plsql, Html, XML, CSS, Oracle, Bash.
  + Familiar frameworks: asp.Net, Bootstrap, Angular 7, Karma Jasmine, Electron, Spring, React
  + Familiar IDE’s: Android Studio, Eclipse, Visual Studio, ATOM, Notepad++, Developer Studio, IntelliJ
  + Knowledgeable in web services and writing Restful, Soap API’s.
  + Familiar with build and management tools such as Maven, Gradle, Travis, Jenkins, NPM, JIRA, ANT and MAKE.
  + Familiar with Azure database, Firebase, Firebase cloud messaging service and SQL relational databases.
  + Experience with designing efficient systems using Star UML and Sql database servers.
  + Familiar with Git, Git Flow, SVN, TFS, Terminal and UNIX environment.
  + Experience with enterprise level message oriented middleware such as Solace and IBM MQ.
  + Experience working in Agile and Waterfall environments.

Related Work Experience

* + - **Application Developer** 
      * **Canadian Imperial Bank Of Commerce (CIBC),** **Toronto, January 2018 – current**
        + **22 front street FX development**
        + Co-lead for massive hardware refresh project.

Coordinated and implemented requirements from 5-6 BA’s

* + - * + Investigated, analyze and fixed production bugs.
        + Optimized poor performing Oracle queries by significantly reducing run time.
        + Supported/Coordinated Production releases
        + Built admin database configuration tool prototype using react, bootstrap that successfully communicated with a web service.
    - **Junior Developer** 
      * **Strategic Information Technology(SIT), Stouffville , April 2017-September 2017** 
        + Investigated client bugs, fixed client bugs using ABL(advanced Business Language), and regression tested alongside client services.
        + Unit tested using Karma Jasmine.
        + Automated Database script by building:

GUI Interface with options to choose which database table to reset, populate or destroy.

CMD capabilities accepting multiple parameters for generating, destroying or resetting database.

Education

* + **Seneca College**
    - **Honours** **Bachelor Of Technology -** Software Development **, September 2014- 2019**

Personal Projects

* + **WorkForce++ -** Java, Javascript, Bootstrap, PHP, Firebase Server, **Android/Web app**
    - Built work management android application used by employees and management team.
    - Created Algorithms used to generate employee schedule based on employees availability.
    - Created shift swapping feature that allows users to view/swap shifts with other employees which then has to be approved by the manager.
    - Wrote scripts for Raspberry pi with RFID scanner that allows user to punch in and out of work.
  + **Password Manager -** Javascript, Bootstrap, Electron Framework, Firebase Server**, Desktop app**
    - Created password manager that allows users to store passwords that are encrypted/hashed server side, and then committed into the database.
    - Created algorithm that allows users to randomly generate a password based on requirements. Also allows users to create passwords using real English words.

Reference

Reference will be provided upon request.