# QIUGU HE

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## 🎓 EDUCATION

**Bachelor of Computer Science Major, University of Manitoba**          Grad Date: Feb 2020

- **Area specialization:** Software Engineering & Database

## 🖥 TECHNICAL SKILLS

- **Languages**: C#/.Net, Java, Python, C, JavaScript (ReactJS, NodeJS, JQuery & JSON), HTML, CSS
- **DataBase**: Microsoft SQL Server, MySQL, Oracle, MongoDB
- **Others**: Github, Jira, PostMan, Docker, Visual Studio, Andriod Studio

## 📁 PROJECTS

**Online Rental System [C#/.NET]** ↗          Dec 2019

- Developed on online movie rental system that based on MVC desing pattern
- Developed CRUD operations for the system, built RESFful services based on .NET Web API
- Implemented data storage and manipulation for the backend used Microsoft SQL Server

**RVH Database [Oracle/SQL]** ↗          Oct 2019

- Created a hospital database, maintained the database through all the developing process
- Developed the database based on ACID properties, worte funcationality/SQL to handled all the user needs
- Implemented database tunning and improved security by wrote appropriate SQL indexing techniques/schemas

**Taxi Pickup App [Java/Android]** ↗          Jun 2019

- Developed a pickup application service for both driver and customer based on real time location through API
- Implemented data storage, imported/exported real time location data to both driver and user to/from database
- Developed all activities and functionalities of App based on SOLID principle to handled necessary user needs

**Burger Builder APP [ReactJS/HTML]** ↗          Jul 2019

- Developed multi-page feeling single-page app based on React framework with Redux
- Implemented frontend components for build a burger and POST the order to backend/server
- Developed backend to storage burger ingredients and user orders based on firebase

**Weather APP [NodeJS/HTML]** ↗          Jul 2019

- Developed server side multi-page App based on NodeJS Express web framework
- Implemented app fronted to fetched user input and requested it to backend
- Developed data fectch from weather/location API as backend to serve user's request

**Portfolio [NodeJS/HTML]** ↗          Nov 2019

- Developed multi-page NodeJS personal website

## 💼 WORK EXPERIENCES

**Teach Assistant (COMP1012) - University Of Manitoba**          Sep - Dec 2018

- Reinforce lessons material by answering course-related concern from students
- Help instructor with assignment and exam assessment and recordkeeping

## 🏆 AWARDS AND ACHIEVEMENTS

- Dean's Honour List          2018
- Honourable Mention at MLH Local Hack Day          2019