Chengyu (Oscar) Lou

Contact Information

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Summary

Self-motivated and responsible Software Developer with expertise in coding is seeking to be part of a team of a Mobile/Web Development organization. Professional individual who takes ownership of projects and understands the importance of communication with colleagues and users during the life cycle of software projects.

Project Experience

Hollows-forum (Django-Python, Vue.js)
2020 – Present
- RESTful API back end app, CRUD operations with Json
- User login via Oauth token login
- Vue.js front end,
- Utilized bootstrap-vue CSS library
- Used Axios for HTTP calls
- API testing with Postman

Matryoshka app store (Android, Laravel-PHP)
Jan 2019 – Apr 2019
- Designed, implemented, evaluated and tested an Android app store to enable end users to check installed applications, download, and automatic start installation wizard.
- Utilized various design patterns (Facade, singleton, Adapter pattern)
- Integrated third party libraries (Retrofit, Recycle-view, Picasso and Okhttp)

Tips predictor Neural Network
Sep 2019 – Dec 2019
- A three layers neural network to predict tips for each taxi ride.
- Used data science libraries such as pandas, keras and numpy.

Education

University of Regina / BASc Software Systems Engineering
2015 - 2020, Regina, Saskatchewan

Key Skills

Front End:
- Vue.js
- Android
- Bootstrap

Back End
- Django framework
- Laravel
- MySQL, Postgresql
- AWS

Languages
- C, C++
- Java
- PHP
- Python
- HTML, CSS, Javascript

Software Testing
- Postman
- JUnit
- CircleCi

Software Engineering
- Git
- Agile/Scrum
- RESTful API

Other Software topics
- Neural network
- Image processing
- Embedded software
- LAMP stark administration
- Linux administration