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PROFILE

- Master candidate of computer technology in Beijing University of Posts and Telecommunications and computer software engineering in UTA
- Strong programming skills with Python and Objective-C
- 2 years of full-time work experience in an IT company
- Good communication skills in team development
- Research interest: natural language process

EDUCATION

Sep, 2018 - Present **University of Texas at Arlington**

Computer Software Engineering

Core modules: Design & Analysis of Algorithms, Artificial Intelligence, Software Engineering, Data Mining, Machine Learning

Level of degree: Master

Sep, 2018 - Present **Beijing University of Posts and Telecommunications**

Computer Technology

Core modules: Probability Theory and Stochastic Process, Data Warehouse & Data Mining, Formal Languages and Automata, Machine Learning, Advanced Operating System, Network Software Design

Level of degree: Master

Sep, 2011 - Jul, 2015 **Beijing Jiaotong University**

Traffic and Transportation (Urban Rail Transport, Science Experimental Class)

Core modules: Operational Research in Management, Complex Functions and Integral Transformations, Fundamentals of Numerical Analysis, Fundamentals of Discrete Mathematics, Computational Design of Train Operations, Control Technology of Train Operation, System Engineering

Level of degree: Bachelor

PROJECT EXPERIENCE

Mar, 2019 - Apr, 2019 **Short video content understanding and recommendation contest (NLP)**

By constructing a deep learning model, we predict whether each user will finish viewing each work and whether the work will be praised or not.

- The final rank is in the top 10%
- The main model is constructed by xDeepFM which includes Linear, CIN and DNN.
- The model and algorithm is realized by Tensorflow (Keras)

Oct.2018 - Dec, 2018 News text classification (Data Mining)

- The spider by Python is used to crawl 5 million news data in 10 different classes
- Realizing Bayes Classification Algorithms by naïve Python
- Using scikit-learn to implement classification by Logistic Regression, Support Vector Machine and Multi-Layer Perception

Aug, 2018 - Nov, 2018 Balance (iOS application)

Balance is mainly aimed to help users to analyze their daily calories. It records daily exercise and diet to determine whether daily intake and consumption are balanced and whether fat is accumulated.

- Drawing the line chart of historical records
- Using Xunfei SDK to realize voice to text
- Use native animation effects to improve user interaction

Aug, 2015 - May, 2017 BodyPlus (iOS application)

The main function of BodyPlus is to provide smart wearing devices and mobile phones for interaction and to collect, real-time transmission, statistics and display of sports data.

- Data transfer between iOS device and smart wearing device by Bluetooth
- Displaying Bluetooth data in time by using OpenGL for drawing
- Realizing instant messaging by HuanXin SDK
- Using AMAP to complete the trajectory drawing

WORK EXPERIENCE

Aug, 2015 - May, 2017 BodyPlus Technology Beijing Co., Ltd.

Software Engineer

- Responsible for iOS app development, including programming and debugging
- Participating in discussing about the project requirement and software design
- Responsible for new version iteration and maintenance

FOREIGN LANGUAGES

- Good academic English reading and writing
- Capable English communication in daily life

INTERESTS

- Music - Amateur Violin Level 10
- Fitness in the gym