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EDUCATION

Beijing University of Technology (China 211 Project) /

09/2017-06/2021

University College Dublin (Taught in English)

Bachelor of Science, Software Engineering

- Cumulative GPA: 3.31/4.2; GPA of Professional Courses: 3.51/4.2
- Relevant Coursework: Augmented and Virtual Reality, Computer Graphics, Mobile Computing, Machine Learning

WORK EXPERIENCE

Teaching Assistant

Beijing, China

09/2020 – 12/2020

Beijing Dublin International Collage

Work for Dr. Abraham Campbell in COMP3011J Mobile Computing and COMP3033J Computer Graphics

- Organized lab, answered students' questions, provided tutorial and office hour, graded assignments
- Feedbacked students' learning report, guided the students' projects, worked as student tutor

Teaching Assistant

Foshan, China (Online)

02/2020 - 06/2020

Beijing Dublin International Collage

Work for Dr. Catherine Mooney in COMP1003J Introduction to Software Engineering

- Organized lab, answered students' questions, provided online tutorial and office hour
- Guided the students' project reports, provided advises for curriculum design

Intern, Computer Graphics (AR) Engineer Intern

Beijing, China

05/2019 - 09/2019

Beijing ZhiU Technology Co., Ltd.

3D data analysis and detection, 3D file format conversion, Hololens development

- Analyzed 3D file (glTF, 3dtiles, obj, fbx) and implement the transforming algorithm
- Participate in Smart City project based on Cesium platform (Web 3D data visualization)
- Researched the latest papers and hosted a WebGL technology sharing meeting
- Responsible for design and data preprocessing of an AR Building Information Modeling (BIM) project based on HoloLens

PROJECT EXPERIENCE

Escape from Ratman Trap

Tutor: Dr. Abraham Campbell (UCD)

09/2020 – 12/2020

An AR room escaping game, based on ARCore and Android mobile phone, worked with Unity

- Work on the AR game design, modelling, interaction design and coding
- Combining AR and hand recognition functions to achieve acceptable hand-based interaction

AR Library

Tutor: Dr. Abraham Campbell (UCD)

09/2019 – 01/2020

An AR navigation application, based on ARCore and Android mobile phone, worked with Android Studio

- Work on the AR implementation, Android development and app design
- Using the school library database, implemented the bookshelves navigation function

3D Zuma

Tutor: Dr. Shen Wang (UCD)

03/2018 – 07/2018

A 3D FPS game, based on Java 3D and OpenGL library

- Work on the game design, Java 3D implementation
- Lead the team as the project manager, responsible for the presentation.

LEADERSHIP EXPERIENCE

Student advocacy minister

Beijing University of Technology

09/2019 – 08/2020

- Responsible for managing a team of nearly 50 student journalists.
- Review and operate the college's official Weibo account with nearly 1.5 million subscribers (Top 8 in china), and the WeChat account with 100 thousand subscribers.

Minister of Publicity Department

Student Union, Beijing Dublin International Collage

09/2018 – 08/2019

- Responsible for managing a team of nearly 20 secretaries of publicity in the Student Union.
- Responsible for the operation of the publicity Center, poster production, and the design of publicity materials

OTHER ACTIVITIES

International volunteer HQ, Coast and Waterway Conservation

Auckland, New Zealand

07/2018 – 08/2018

- Participated in various environmental protection activities and popularized to the public;

Reception Volunteer of the Deputy Prime Minister of Ireland

Beijing, China

03/2018

- Work as a volunteer receiving, Mr. Simon Coveney, Deputy Prime Minister and Minister of Foreign Affairs and Trade of Ireland, visited Beijing University of Technology.

SKILLS

Program Language: C++, C#, Java, Python, JavaScript, Html, CSS

Software: Adobe: Aero, Photoshop, Premiere, Illustrator; Unity, Android Studio