Zhengtian Chu

University of Nottingham

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Currently in my second year studying in department of Computer Science in University of Nottingham. Interested in Software Engineering, Machine Learning and Data Mining.

Education

University of Nottingham

BSc Hons Computer Science with AI   *September 2020 – Present*

- Working in a software group project, collaborating online with Microsoft Teams and Discord.

Peking University

Summer School   *July 2019 – August 2019*

- Course of Python Programming (84/100)

University of Nottingham Ningbo China

BSc Hons Computer Science with AI   *September 2018 - June 2020*

- Modules have included Software Engineering, Database and Interface and Java Programming.
- Experience of using programming tools such as JavaScript, PHP and HTML to build a mask-sales website.

Zhenhai Middle School, Zhejiang

High school education   *September 2015 - June 2018*

- Chinese (111/150), Mathematics (130/150), English (133/150)
- Information technology (A), General technology (A), Physics (A), Chemistry(B), Biology(B)
- History(A), Geography (A), Politics (B)

Work Experience

User-Centric Computing Group (website) (Github)   **Ningbo, China**

Member   *May 2020 - Present*

- Working in an undergraduate on-campus research society with more than 10 undergraduate students.
- Participating in some of the group's research, more details on the website.

University of Nottingham Ningbo China   **Ningbo, China**

Internship   *July 2020 - August 2020*

- Used Python to download and organize tweets through Twitter API.
- Selected AI methods (BTM and LDA) to build the model and analyze the topics.

Technical Experience

(Research) Temporal Convolutional Network Based Regression Approach for Estimation of Remaining Useful Life, Prof. Yaohua Wang   **NUDT, Changsha, China**

Research Assistant   *July 2020 - Present*

- Preprocessed the original data and draw relevant pictures and tables.
- Built a LSTM network structure to compare with TCN to show the effectiveness of TCN.
- Participated in Paper writing and regular group discussion.

Computer Skills

- Proficient in Python, Keras and TensorFlow - dealt with some machine learning and data mining projects.
- Learned C, Haskell, Java, SQL to do some basic programming.
- Applied PHP, JavaScript and HTML to build a website in first year coursework.

Extra-curricular Activities

UNNC VC Basketball Association   **Ningbo, China**

President   *June 2019 – May 2020*

- Led four departments, assigned tasks and communicated with school leaders.

Maldives Sunshade Volunteers   **Maldives**

Volunteer   *Jan 2019 – Feb 2019*

- Participated in a series of island environmental protection activities, cleaned up beaches, painted residents' walls, and helped local residents lay roads.