

Curriculum Vitae

Wang, Xintao

Fudan University
Computer Science

Education:

School of Computer Science, Fudan University, Shanghai

Sept. 2017 – Jul. 2021(expected)

Bachelor of Computer Science

- **GPA:** 3.7/4.0, **School Rank:** 10/ 161, **Major GPA:** 3.84/ 4.0
- **Course Highlights:** Mathematical Analysis (I: A- , II: A) , Linear Algebra (A) , Programming (A) , Object Oriented Programming (A) , Basics of Analog Electronics (A) , Set Theory and Graph Theory (A) , Data Structure (A-) , Introduction to Database Systems(A) , Algebra Structure and Mathematical (A) , Digital Logic and Component Design (A) , Probability Theory and Mathematical Statistics (A) , Operating System (A) , Computer Networks (A)

Honors & Awards:

- Huawei Scholarship (First Prize of the Scholarship at Fudan University , Top 3%) Oct. 2019
- Outstanding students at Fudan University in academic year 2018-2019 Oct. 2019
- Second Prize of the Scholarship at Fudan University Oct. 2018
- Outstanding students at Fudan University in academic year 2017-2018 Oct. 2018
- Hhctea Freshman Scholarship at Tengfei College, Fudan University (Top 7%) Nov. 2017

Research Experience:

FudanNLP

Sept. 2019 – present

Advisor: Prof. Xipeng Qiu

Fudan University

- Developed a Chinese poem-generator using Recurrent Neural Networks (RNN) with low perplexity.
- Conducted experiments on several neural network models including CNN , RNN , ESIM and CRF with PyTorch reaching high accuracy.
- Working on improving the fine-tuning of BERT with mechanisms termed self-ensemble and self-distillation.

Out-of-School Curriculum:

Robotics and Artificial Intelligence Summer School

Jul. 2019 – Aug. 2019

Advisor: Prof. Guangzhong Yang

Imperial College London

- Gained an insight into Machine Learning , Robotics and Computer Vision .

- Developed professional skills in business model innovation , communication , leadership and presentation.
- Worked as a team on a project and created a robotic device which was able to recognize complex gestures as commands and react correspondingly .

Internship:

CIB Fund Management Co.,Ltd.
Summer Intern, Transaction Department

Jul. 2018 – Aug. 2018
Shanghai

Selected Course Projects:

Retro Snaker Game **Apr. 2018 – Jun. 2018**
Developed a Retro Snaker Game providing extended functions in C++ with front-end development library SFML.

Geo-fencing **Oct. 2018 – Jan. 2019**
A Location Based Services (LBS) program . Implemented Ray Casting Algorithm and R-Tree access method to determine geometric relationships between given dots and polygons .

Y86-64 Simulator **Oct. 2018 – Jan. 2019**
Implemented the Instruction Set Architecture (ISA) given by *Computer Systems: A Programmer's Perspective*, and developed my own Y86-64 simulator with graphical interface using C++ and SFML library.

Nefeli: Academic Resource and Information Platform for Fudan Students **Apr. 2019 – Jun. 2019**
Worked as a team of two. Designed a web platform of academic resource for Fudan students . Learnt and used Javascript, HTML, CSS, Django, Bootstrap and Vue for delicate front-end interface design.

Natural Language Processing and Stock Price Prediction **Dec. 2019 – Jan. 2020**
Conducted predictions about DJIA index with up-to-date reddit news and historical data using CNN and LSTM, and analyzed textual features of days when stock price increased or decreased.

Skill:

- Language: Chinese-Native, English-Fluent (TOEFL: R30+L28+S22+W26, CET-4: 605, CET-6: 588)
- Programming Languages: C/C++, Python, Javascript, Verilog, SQL
- Deep Learning: PyTorch, Tensorflow, fastNLP
- 3D Modeling: Blender, Substance Painter
- Web Development: Javascript, HTML, CSS, JQuery, Django, Bootstrap, Vue

Contact:

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