

ZHAO YUSHENG

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Education

Xidian University

Undergraduate, Computer Science & Technology(Network & ISEC direction)

Sep. 2021 – Expected Jun. 2023

Xi'an, Shaanxi

Xidian University

Undergraduate, Computer Science & Technology(Distinguished Engineer Class); Rank:4/40

Sep. 2019 – Jun. 2021

Xi'an, Shaanxi

- GPA: 90.9/100(required and restricted courses of the first four SEMs); Rank: 7/559(top1.2%)

Zhejiang Taizhou High School

Sep. 2016 – Jun. 2019

Linhai, Zhejiang

Behavior & Relevant Coursework(*SELECT*)

- GPA:** 92.19/100(Main courses for the last 5 SEMs)
- Rank:** 4/140(**top2.8%**; Network & ISEC direction)
- English:** CET-6: 519 & CET-4: 576
- Major Courses: Database: 98 & Data Structure: 92
- Math:** 96+ avg. score
 - Advanced Mathematics I & II: 96 & 95
 - Linear Algebra: 99
 - Probability Theory: 97
 - Discrete Mathematics I & II: 97 & 100

Awards (*SELECT*)

- Oct. 2021, Second Class Scholarship, ranked 3/40 in class.
- Sep. 2021, The National College Student Mathematical Modeling Competition, Shaanxi Province Second Prize.
- July 2021, The 7th China International College Students' "Internet+" Innovation and Entrepreneurship Shaanxi Competition, Second Prize
- Apr. 2021, MCM/ICM Mathematical Contest in Modeling, **Meritorious Winner**
- Oct. 2020, Third Class Scholarship, ranked 7/40 in class
- Sep. 2020, The National College Student Mathematics Competition, Shaanxi Province Second Prize

Projects & Experiences(*SELECT*)

Smart Education Platform | *JavaScript, HTML/CSS, Java, SpringBoot, Jupyter, React.js* **May 2020 - Aug. 2020**

- built the front-end of our website by *React.js* and created the frame to embed Jupyter Notebook in.
- Implemented *SpringBoot* to build the web back-end of our website, coding on IDEA.

Student Information Database Management System | *MySQL, Python, tinkler*

Dec. 2021

- Back-end implementation: add, delete, and search functions and several stored procedures for corresponding needs.
- Basic graphical user interface, created by *tinkler*

WeChat Mini Program: You-BooKeeping | *JavaScript, Java, Vue.js*

Nov. 2021 - Jan. 2022

- Used a versioning applet of *Vue.js* framework *mpVue* and achieved some operations through *SpringBoot*.(the latter had been done by teammates.)
- Used *Mybatis* to Manipulate the database, in which we can achieve add, delete, update and search functions.

Anomaly Detection on Fully Homomorphic Ciphertext for Privacy Data | *Python*

Sept. 2021

- Implemented the approximate CKKS scheme for approximate fully homomorphic encryption on abundant privacy data of credit card.
- Applied *isolated forest algorithm* on ciphertext to find Anomaly sample points.

Technical Skills

Languages: Python, C/C++, Java, JavaScript, HTML/CSS, SQL

Developer Tools: VS Code, CLion, IDEA, PyCharm, Colab

Technologies/Frameworks: React.js, Vue.js, L^AT_EX, markdown, Github, Pytorch,, Beamer

Machine Learning: systematically studied the online open course lectured by HUNG-YI LEE and achieved most of the homework.

Cryptography: A doorman and hobbyist, interested in homomorphic encryption recently.