ZHAO YUSHENG

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🎓 Education

Xidian University	**Sep. 2021 – Expected June 2023**
Undergraduate, Computer Science & Technology(Network & ISEC direction)	*Xi'an, Shaanxi*

Xidian University	**Sep. 2019 – Jun. 2021**
Undergraduate, Computer Science & Technology(Excellent Class); GPA:3.9/4.0; Rank:2/40	*Xi'an, Shaanxi*

Zhejiang Taizhou High School	**Sep. 2016 – Jun. 2019**
	Linhai, Zhejiang

Relevant Coursework & Behavior

- **GPA**: 92.19/100(Main courses for the last 5 SEMs)
- **Rank**: 4/140(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 Excellence 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, Silver Medal
- Apr. 2021,   MCM/ICM Mathematical Contest in Modeling, **Meritorious Winner**
- Oct. 2020,   Third Class Scholarship, ranked 7/40 in Excellence Class
- Sep. 2020,   The National College Student Mathematics Competition, Shaanxi Province second Prize

👥 Projects & Experiences

Smart Education Platform | *JavaScript, HTML/CSS, Java, SpringBoot, Jupyter, React.js*   **May 2020 - Aug. 2020**
- Used React.Js to build the front-end of our website and created the tag of frame to embed Jupyter Notebook.
- Implemented SpringBoot(framework) to build the web back-end of our website on IDEA.
- Exploded how to use Jupyter notebook.

Student Information Database Management System | *MySql, Python, tkinker*   **Dec. 2021**
- Created a student information management system and implement back-end functionality by creating triggers and stored procedures
- Applied python's GUI library tkinker to build the front-end interface of the management system

WeChat Mini Program: You-BooKeeping | *JavaScript, HTML/CSS, Vue.js*   **Nov. 2021 - Jan. 2022**
- Used Vue's applet versioning framework mpVue and implemented some simple operations ny SpringBoot.(the latter had been done by teammates.)
- Used Mybatis to Manipulate the database, in which we can achieve add, delete, update and search.
- Rendering pie charts using Echarts.

Anomaly Detection on Fully Homomorphic Ciphertext for Big Data | *Python*   **Sept. 2021**
- Used the open source homomorphic cryptographic library SEAL to encrypt on privacy dataset.
- used isolated forest algorithm on ciphertext to find Anomaly sample points

Research on Object Detection | *Python*   **June. 2021 - Feb. 2022**

⚙ Technical Skills

Languages: Python, Java, C/C++, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, CLion, IDEA, PyCharm, Colab
Technologies/Frameworks: Pytorch, LaTeX, markdown, Github, Linux, WordPress
Machine Learning: systematically studied the online open course lectured by HUNG-YI LEE and achieved most of the homework. Here is my notebook and HW code.
Cryptography: Interested in homomorphic encryption