ChenCheng Jiang

Xi'an Jiaotong University

✉ dorbmons@gmail.com | ⌨ dorbmons

Personal Profile

A university student majors in Physics who has great interest in deep learning. Having great knowledge of common deep learning models and experience in using pytorch to build and train models. Mastering Python, Golang, Rust, C++ and having great understanding of large system building and software engineering.

Education

Xi'an Jiaotong University   *Xi'an, CN*
Bachelor of Science   *Sept 2021 - Jun 2025*

- President of Xi'an Jiaotong University Association of Network Administrator in 2023 - 2025 school year.
- Head of Xi'an Jiaotong University Association of Network Administrator development department in 2022 - 2023 school year.
- Developer in several programming projects.
- Member of Baidu Big Data Artificial Intelligence Elite Program

Stony Brook University   *NY, USA*
Exchange Program   *Aug 2023 - Dec 2023*

- Major in Physics
- Develop eAduit in security lab under the guidance of Professor R. Sekar.

Projects

SAFER   *Online*
SecLab@SBU   *2024 Spring*

- Develop dynamic loaded instrumentation function.
- **Technical Skills:** C++, Assembly Language
- **Soft Skills:** Teamwork.

eAudit   *NY, US*
SecLab@SBU   *2023 Fall*

- Add hook functions to the linux kernel.
- Do experiments and measurements.
- **Technical Skills:** C
- **Soft Skills:** Teamwork.

Learning Embodied Vision-Language Programming From Instruction, Exploration, and Environmental Feedback   *Online*
MMLab@NTU   *2023*

- Designed the GTA simulator hooks and provide dataset and prompts for the project.
- **Technical Skills:** C#, C++, Python
- **Soft Skills:** Teamwork.

Mathematical Contest In Modeling (Honorable Mention)   *Online*
COMAP   *Spring 2023*

- A neural network is built to realize causal judgment based on the penalty term.
- **Technical Skills:** Python with Pytorch.
- **Soft Skills:** Report writing, Logical Thinking, Critical Thinking, Teamwork.

Apply System Backend   *Xi'an, CN*
Xi'an Jiaotong University Association of Network Administrator   *Summer 2022*

- Apply system for several student organizations used by more than 100 users every year. Designed a automatic directed graph state transfer system.
- **Technical Skills:** Golang, Mongodb
- **Soft Skills:** Teamwork, Leadership.

RISC-V Chip Design (YSYX)   *Online*
University of Chinese Academy of Sciences   *Nov 2021 - April 2022*

- Built a pipeline cpu based on RISC-V instructions using verilog.
- Built a RISC-V simulator, peripheral debugging tools and a simple time-sharing operating system.
- **Technical Skills:** C++, FPGA.
- **Soft Skills:** Logical Thinking.

LLVM Compiler Frontend   *Online*

Ruixue   *Spring 2021*

- Build a compiler based on LLVM and little standard library.
- **Technical Skills:** C++20, LLVM
- **Soft Skills:** Debug.

Skills

Programming	Python (Pandas, PyTorch, NumPy. etc.), Golang, Rust, C/C++, HTML/CSS, JavaScript, Dart (Flutter), SQL.
Miscellaneous	Linux, Git.
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

Achievements

2023	**National Second Prize,** Contemporary Undergraduate Mathematical Contest in Modeling	*China*
2023	**Honorable Mention,** Mathematical Contest In Modeling	
2022	**3rd Prize,** XJTU Scholarship	*Xi'an, China*
2019	**Provincial first prize, 19th,** National Olympiad in Informatics in Provinces	*Jiangxi, China*

Work Experience

Imaginix Inc.   *United States*

Backend Engineer   *Dec 2023 - Current*

- Lead backend team.
- Developed Golang backend using gorm-gen, Hertz.
- Use postgres and redis to build high concurrency system.
- **Technical Skills:** Golang, Linux, SQL
- **Soft Skills:** Teamwork, Time Management, Cross-Country Communication.

Interests

Deep Learning	It is amazing to solve so many problems in different areas with one same modeling framework.
Linux	Linux has become my main work environment since 2021 and I have been using Linux since 2018.
Religion	I have great interest in all kinds of religions and did some researches in some specific area.

Languages

English	TOEFL 96, CET6 545, CET4 574,
Chinese	Native proficiency

References available upon request.