Bingxiang He

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🏛 Dept. of Computer Science, Tsinghua University, Beijing 100084, China ·

🎓 EDUCATION

Tsinghua University, Beijing   09, 2020 – present

Undergraduate Dept. of Computer Science, graduate on 06, 2024

Main courses and academic performance

GPA: 3.96/4.0, *Rank*: 5/182

A+ : **English for Academic Purposes (A): Spoken Communication**, Probability and Statistics, Physics for Scientists and Engineers B(2)、 **Artificial Neural Networks**

A : Fundamentals of Computer Science, **Fundamentals of Programming, Programing and Training, Foundation of Object-Oriented Programming, Assembly Language Programming, Calculus A(1), Calculus A(2), Linear Algebra, Advanced Topics in Linear Algebra, Discrete Mathematics(1)**, Physics for Scientists and Engineers B(1), Introduction to Artificial Intelligence, Software Engineering, **Digital Logic Circuit, Digital Logic Experimentation**, Fundamentals of Computer Graphics, Introduction to Modern Cryptogrophy

A- : Introduction to Complex Analysis, **Data Structures, Numerical Analysis**

🏆 HONORS & AWARDS

1. Comprehensive Excellence Award for the 2020-2021 school year   10, 2021

2. The third prize of the 40th "Challenge Cup" of Tsinghua University   04, 2022

3. Comprehensive Excellence Award for the 2021-2022 school year   10, 2022

</> PROJECT EXPERIENCES

1. CodePlay: Website Development of the 39th Student Festival   10, 2021 – 12, 2022
   - Front-end framework：React
   - Language：JavaScript, TypeScript, Html, CSS, CSS3
   - Responsibilities： front-end components and logic
   - Project：https://github.com/HBX-hbx/CodePlay_frontend

2. ReqMan: Demand Management System   03, 2022 – 06, 2022
   - Front-end framework：React
   - Language：JavaScript, TypeScript, Html, CSS, CSS3
   - Responsibilities： front-end component, logic and communication between front-end and back-end

- Project: https://github.com/HBX-hbx/ReqMan-frontend

3. Chrome Extension Development 【AtomEcho : Webpage to Table】   09, 2022 – 12, 2022
- Front-end framework: React
- Language: JavaScript, TypeScript, Html, CSS, CSS3
- Internship location: AtomEcho, Beijing
- Responsibilities: Core Member
- **Project**: Registered in the Chrome Web Store

⚙ RESEARCH EXPERIENCES

1. Research Group for Safe NLP Systems   09, 2021 – present
- **OpenBackdoor**: An open-source toolkit for textual backdoor attack and defense **[paper]**

2. Research Group for Intelligent Creation   09, 2022 – present
- Project in progress

🔧 IT SKILLS

- Computer Language: C/C++ == Python > JavaScript == TypeScript > SQL
- Platform: Linux, Windows
- Tool: Git, SSH, Make, Tmux, Markdown, LaTeX
- Full-stack development: React, Django, Nginx, MySQL
- CET6: 571