Chengrui Fang

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Interests: Cryptography, Blockchain

EDUCATION

- **Zhejiang University** Zhejiang, China
  Bachelor of Science(Honored) in Information Security *Sep. 2020 – Expected Jun. 2024*
  - **Turing Class**: First honor class ChuKochenHonors College
  - **GPA**: 3.89/4.00
  - **Ranking**: Top 5%
  - **Relevant Courses**: Computer System I &II (96) Data Structure (97) Objects Oriented Programming (92)

  Intensive Training Honors Program of Innovation and Entrepreneurship at ChuKochenHonors College(40 selected from 5400) https://www.zju.edu.cn/english/study_innovation/list.htm

INDUSTRIAL EXPERIENCE

- **ByteDance ByteCamp** Online, China
  Front-end advanced class *Jan. 2023 - Present*
  - **Nuxt**: Mastered React/Vue framework and completed "JueJin"-like website based on nuxt framework. Reorganized the homepage and article details page and accomplished basic access and interaction
- **PLANET** Metaverse
  Tech Founder *Sep. 2022 - Present*
  - **Solidity**: Founded PLANET, a Web3 Metaverse Animal Crossing, and accomplished Solidity Smart Contracts and Front-end website
  - **Prize and Development**: Achieved first prize in NFT, GameFi, and the Metaverse track at the THUBA DAO hackathon and Alibaba AntChain Incubation Camp Best Project Award. Accumulated 1,000 alpha test users. Invited to participate in Yunqi Conference as a guest sharing.

RESEARCH EXPERIENCE

- **Artwork Digitalization** Hangzhou, China
  Research Assistant *Jun. 2022 - Jan. 2023*
  Advisor: Prof.Bingsheng Zhang, Professor in the College of Cybersecurity, focusing on crypto and blockchain
  - **Blockchain**: Studied the application of SIFT, Gabor filter, and Fuzzy extractor on artworks. Extracted the feature of artwork and recorded it on the blockchain. Coded the solidity smart contracts
  - **Framework**: Streamlined and improved the overall framework. Organized our essay.
- **Multi-party Computation based on Decision Trees and Semi-trusted Hardware** Hangzhou, China
  Research Assistant *Apr. 2021 - Jun. 2022*
  - **MPC**: Studied multi-party computation based on decision trees and semi-trusted hardware in the scenario of a privacy-protected lending credit security evaluation system. Constructed the system framework

TECH STACK

- **Front-end**: JavaScript, HTML, CSS, React, VUE, TypeScript, Next.js
- **Back-end**: Java, C++, Solidity, Android development, Spring/MVC framework, Python, Node.js

LEADERSHIP

- **Volunteer Teaching**: Collaborated with Shanghai Jiao Tong University, Nanjing University, University of Science and Technology of China and took volunteer teaching at "YueYaHu". Shot, recorded, and edited courses and promotional video documentaries

AWARDS AND HONORS

First-Class Scholarship for Outstanding Students twice(**2%** students awarded), *ZJU*	*Oct. 2022/2021*
Outstanding Innovation Scholarship at ChuKochenHonors College, *ZJU*	*Oct. 2022*
Zhejiang Provincial Government Scholarship(**3%** students awarded), *ZJU*	*Oct. 2022*
Top 10 Outstanding College Students of YunFeng College(**10/1500** students at College), *ZJU*	*Jun. 2021*