# Chengrui Fang ( Ryan )

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## EDUCATION

**Zhejiang University**                                                       Sep 2020 - Jun 2024
- *Bachelor of Science(Honored) in Information Security*
  - **Turing Class**: First honor class, ChuKochenHonors College
  - **GPA**: 4.37/5.00 (Top 5%)
- *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
- Relevant Course: Computer System I&II (96) DataStructure (97) Objects Oriented Programming (92)

## INDUSTRIAL EXPERIENCE

**ByteDance ByteCamp**                                                        Jan 2023 - Present
*Front-end advanced class*
- 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**                                                                    Sep 2022 - Present
*Tech Founder*
- Founded PLANET, a Web3 Metaverse *Animal Crossing,* and accomplished Solidity Smart Contracts and Front-end website
- 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**                                                    Jun 2022 - Jan 2023
*Research Assistant*
**Advisor: Prof.Bingsheng Zhang, Professor in the College of Cybersecurity, focusing on crypto and blockchain**
- Studied the application of SIFT, Gabor filter, and Fuzzy extractor on artworks. Extracted the feature of artwork and recorded it on the blockchain.
- Streamlined and improved the overall framework. Coded the solidity smart contracts and organized our essay.

**Multi-party Computation based on Decision Trees and Semi-trusted Hardware**   Apr 2021 - Jun 2022
*Research Assistant*
- 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 EXPERIENCE

**Personal Blog**
- Organized my learning-cs notes on GitHub: https://github.com/RyanFcr/ZJU_Course
- Shared my university experience and my insights on my blog: https://ryanfcr.github.io/
- Shared my university experience on bilibili and accumulated 80,000 video views and 1,600 followers: https://space.bilibili.com/277830177

**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

## HONORS AND AWARDS

**First Scholarships twice(3% of students), ZJU**                             Oct 2022
**Outstanding innovation Scholarship at ChuKochenHonors College, ZJU**        Oct 2022
**Top 10 Outstanding College Students of YunFeng College(10 selected from 1500), ZJU**   Jun 2021