

Yuhang Tian

Engineering Doctorate (EngD)

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Education

Eindhoven University of Technology

Engineering Doctorate (EngD), Software Technology

- First in-house project trainee phase

Eindhoven, Netherlands

Nov. 2024 - cur.

Delft University of Technology

MSc Embedded Systems, Software Engineering, Cybersecurity Group

- Degree thesis: FLVoogd - Robust And Privacy Preserving Federated Learning
- GPA: Courses:8/10 | Thesis:9/10
- Cum Laude Graduate

Delft, Netherlands

Aug. 2020 - Aug. 2022

Beijing Jiaotong University

Bachelor of Engineering, Communication Engineering

- Degree thesis: Implementation of Quantized CNN and Its Application
- GPA: 3.62/4.0
- Outstanding Graduated Student
- Scholarship Holder

Weihai, China

Sep. 2016 - Jun. 2020

The University of Lancaster

Bachelor of Engineering (Joint Degree), Electronics & Communications Engineering

- Academic Dean's List
- Second Class Honors (Division One) Graduate (2:1)

Weihai, China

Sep. 2016 - Jun. 2020

Work Experience

Eindhoven University of Technology

Engineering Doctorate (EngD)

Currently collaborating with a team of five on *CHORAS*, an open-source acoustic simulation web application. Serving as the **associate architect** for the **Flask** backend and ensuring project integrity as the **quality manager**.

Eindhoven, Netherlands

Nov. 2024 - cur.

TZL Coffee

Barista

Initially set to begin an IT Graduate position in March 2024, but the contract was revoked due to company-wide budget constraints.

Chongqing, China

Mar. 2024 - Oct. 2024

Continental

IT Graduate

I plan to start a new position as an IT Graduate at Continental in Frankfurt in March 2024. However, Continental revoked my contract due to budget constraints.

Frankfurt, German

Sep. 2023 - Feb. 2024

NSFocus

Security Researcher

Developed and maintained backend systems for two security products: a **Spring Boot**-based web platform for *Federated Learning* and a **Flask**-based web application for secure data sharing.

Chengdu, China

Nov. 2022 - Jul. 2023

Publications

- Yuhang, Tian, et al. "FLVoogd: Robust And Privacy Preserving Federated Learning." ACML, 2023.
- Y. Tian and G. Du, "Infrared Line Following and Ultrasonic Navigating Robot with ATMEGA328 Pro," IMCEC, 2019

Skills

Programming

Python ★★★★★ (expert) | Java ★★★★★ (intermediate) | C++ ★★☆☆☆ (beginner)

Languages

Chinese ★★★★★ (C2-Native) | English ★★★★★ (C1) | Dutch ★☆☆☆☆ (A1-learning)