HUI LIU

Guangxi Normal University ⋄ Guilin, Guangxi, 541004, P.R.China

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EDUCATION

Guangxi Normal University, Guilin, Guangxi, P.R.China — Advisor: Prof. Zhi Li

Master of Engineering in Software engineering, GPA: 3.65/5.0 — *Sep, 2020 – Jul, 2023 (expected)*

Anhui Normal University, Wuhu, Anhui, P.R.China

Bachelor of Engineering in Software engineering, GPA: 3.19/5.0 — *Sep, 2016 – Jul, 2020*

SCHOLARSHIPS & AWARDS

- **2021** Guangxi Normal University **Third-class Scholarship**
- **2020** Guangxi Normal University **New Student Scholarships**
- **2020 ACM ICPC Asia Nanjing Regional Contest, Honorable Mnetion**
- **2020 The 3rd Guangxi Collegiate Programming Contest, The First Prize**
- **2020 Guangxi Collegiate Artificial Intelligence Design Contest, The Third Prize**
- **2017, 2018 Anhui Normal University Outstanding League Member**
- **2017-2020** Anhui Normal University **Third-class Scholarship** (four times)
- **2017 Mathematical Modeling Competition School Selection Round, The Second Prize**

PUBLICATIONS & MANUSCRIPTS

1. **Hui Liu**, Yunfang Li, Zhi Li*. EARS2TF: A Tool for Automated Planning Test from Semi-formalized Requirements. Accepted by *The 34th International Conference on Software Engineering and Knowledge Engineering (SEKE22)*. [Elsevier]

2. **Hui Liu**, Zhi Li*. Automatic Generation of System-level Security Test Framework from Semi-formal Natural Language. Submitted to *Software Quality Journal(SQJ)*. Under review.

RESEARCH EXPERIENCE

Anhui Normal University, Wuhu, Anhui, P.R.China.

Department of Computer and Information — *May, 2020 – Nov, 2020*

Advisor: Prof. Xuemei Qi

Project: Adaptive Cruise Traffic Guidance System

- Content: By automatically sensing the precise distance and accurate orientation between each vehicle body to collect information such as the location and speed of the vehicle, the system background three-dimensional modeling of the environment and generate the best diversion plan. By controlling all vehicles in the blocked area automatically, traffic jams can be resolved.

- Achievements: Android Software with a Software Copyright

SKILLS

Programming: Java, Python, React, HTML/CSS, C/C++, Markdown, LaTeX, Git

English: CET-6 486 (Listening 179, Reading 165, Writing&Translation 143)