Zeyu Huang

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Nanjing University, Xianlin Street No.163, Qixia District, Nanjing, Jiangsu Province

Working Experience

N/A

Education

Nanjing University   Nanjing, China

Department of Computer Science & Technology, elite program in computer science

Bachelor of Science   Sept 2019 – Jun 2023

- Cumulative GPA: 85/100
- Scholarships:
  - Third prize of People's Scholarship, Nanjing University (2020-2021)
  - Third Prize of Top Project Scholarship, Nanjing University (2019-2020)
- Core Coursework: Problem Solving (I ~ IV), Introduction to Computer Systems, Operating Systems, Mathematical Logic, Advanced Programming, Principles and Techniques of Compilers, Object Oriented Design Method, Software Testing

Research Experience

Bug Prediction on Interprocedural Graph Interval Neural Network Model

Undergraduate's thesis, advised by assistant researcher Yu Wang, Software Engineering Group, Nanjing University
Jan 2022 – May 2023

- Proposed and implemented a new bug prediction tool based on the Graph Interval Neural Network Model
- Implemented a program analysis tool which converts Java program to interval-based control flow graphs.
- Evaluated the tool on several datasets with different scales and parameters.
- My undergraduate's thesis "*Bug Prediction on Interprocedural Graph Interval Neural Network Model*" is completed based on this research

Establishing Online Code Analysis Web App

Advised by Prof. Ke Wang   May 2022 – Aug 2022

- Learned and utilized the React framework and Spring architecture alongside HTML, CSS, and JavaScript
- Co-developed a web APP for online program analysis with the JavaScript-based React

Publications and Patents

N/A

Professional Certifications

N/A

Awards, Interests, Skills, and Community Involvement

Community Involvement

- Membership of the male volleyball team of Department of Computer Science   Sep 2019 – Jun 2021
- Went back to my high school to make a recruitment speech on behalf of Nanjing University   Jan 2020

Technical Skills

- Programming language: C, C++, Python, Java, C#, Coq, JavaScript, HTML, CSS
- Editing tools: Latex