Xie Xuan

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EDUCATION

Sun Yat-sen University   Guangzhou, China
Freshman in School of Engineering/ Energy and Power Engineering
2015-2016
Bachelor of Engineering in School of Data and Computer Science / Software Engineering / GPA: 3.6/4.0 / Ranked: 27/120
2016-Present

RESEARCH EXPERIENCE

Sun Yat-sen University
Research Assistant (Supervised by Dr. Xiaoxing Yang)   *September-December, 2017*
- Replicated data extraction process and helped develop data retrieving process for defect prediction
- Retrieved useful data and information from literature related to data extraction and speeded research process

Research Assistant (Supervised by Professor Jiajing Wu)   *March-Present, 2018*
- Facilitated and assessed the choices of classifier with supervising professor
- Find the rule in the cross-version defect prediction
- Performed data analysis on research results and provided optimizational design for analyzing correlation between version log and the correctness of defect prediction

Visiting Intern (Supervised by Professor Shing-Chi Cheung)   *July-Present, 2018*
- Prioritization for static analysis warning

Mobile Network and Big Financial Data Laboratory, Inplus Lab
Laboratory Research Intern (Supervised by Professor Zibin Zheng and Professor Jiajing Wu)   *March-Present, 2018*

LEADERSHIP/TEAMWORK EXPERIENCE

Sun Yat-sen University
The Mathematical Contest in Modeling (Group Member)   *February, 2018*
- Responsible for modeling and optimizing modeling system
- Adopted Particle Swarm Optimization Algorithm in model building
- Successfully generated prediction on future development of Tesla's Charging Stations and electronic vehicles

Course Sign-in System Design (Group Leader/Supervised by Professor Yang Yi)   *March, 2018*
- Managed and distributed main tasks to group members in the project of designing a course sign-in system
- Responsible for back-end database system programming and database design

Teaching Assistant (Supervised by Professor Kun Zeng)   *March-Present, 2018*
- Assisted in answering academic inquiries from students and coached Java programming projects for underclassmen
- Maintained the university-developed assignment system MATRIX
- Renewed homework notification for undergraduates on the system

Genealogy Family Tree System (Group Leader)   *May-July, 2017*
- Designed Binary Tree and collected information needed on genealogy family tree from online database

PUBLICATION

An Analysis on the Relationship between Defect Prediction and Time of Version Update Log   (To be published)

ACADEMIC AWARDS

Third-class Scholarship   Sun Yat-sen University, *2017*
Honorable Mention Award for COMAP's International Mathematical Contest in Modeling   Sun Yat-sen University, *2018*

SKILLS AND INTERESTS

Skills and Strengths: C/C++ Programming; Database System (MySQL); Machine learning; Data Mining;
Research Focuses: Machine learning; Data Mining; Software Engineering
Research Interests: Defect Prediction; Static Analysis

LANGUAGE PROFICIENCY

Chinese: Native   **English:** Fluent (**TOEFL:** 94   **CET-4:** 608   **CET-6:** 537)