WANGYULONG
MALE/28

Wuhan University Of Technology
Maritime Navigation School
Master's Degree

Mail : naveron@163.com

Tel : 15364983973

Projects：

https://github.com/NAVERON

Job Intention

Software Engineer
JavaWeb，**python**，JavaFx

Skills

JavaWeb Development，
JavaFx Client Development
Java algorithm and use
Software tools，CET 4

JOB EXPERIENCE AND INTENTION

Experiences：Java Development 2 years in Xiaomi, major in application management system. Take a part-time job when I at school，learning machine learning theory and crawl web content using python.

Job Intention：Major in Java back-end programming, hope to be good programmer. Expecting field is streaming data processing, remote control and so on...

PROJECT RESULTS AND SKILLS

OPENSOURCE PROJECT & USV COLLISION AVOIDANCE ALGORITHM & APPLICATION MANAGEMENT SYSTEM

Application management system：Major in Java backend development and fixup bugs. Responsible for the application automated testing system during in Xiaomi.

USV simulation software：Research in usv collision avoidance problems, develop simple simulation software using JavaFx.

Opensource Project：JavaFx client development。

EDUCATION AND HOBBIES

Education : Maritime Navigation & Computer Science, Highest Degree is Master Degree, transport engineering.

Hobbies：Drawing and Art design, Swimming, Climb and other Sports.

EDUCATION BACKGROUND：

1. Transport engineering Master degree | Wuhan University Of Technology

    period：2016.9 – 2019.6

    major courses：Water traffic modeling and simulation, Ship control theory and technology

2. Maritime navigation Bachelor degree | Wuhan University Of Technology

    period：2012.9 – 2016.9

    major courses：The principle of the ship, ship operation and collision avoidance

3. Computer Science Minor degree | Huazhong University of Science and Technology

    period：2014.3 – 2015.10

    major courses：data structure, operation system，compiler theory,

WHAT CAN I DO：

1. **Optimized software system or java web project**
   a. **optimize the application management system processing**

   2 years experience on maintenance application audit system in Xiaomi, and fixup bugs if some logic is wrong. Based on Spring framework, having a semi-automatic audit process.

   b. **compatibility label function development**

   Improved application compatibility label showing, before we have to management the compatibility label manually, and now it synchronized from other department, increased reusability.

   c. **add a library storing dangerous application**

   In order to control the risk of application, create a library which store hazardous application, and add a management interface in content management system.
2. **Learning by doing and complete some project**

a. **Programming skills**

Complete learning Java and python about one month and make a simple Java program. Have a experience on learning difference knowledgement, using one week complete study Baidu Map API and make a small map display software.

b. **Keep accomplishing one thing**

Based on Minor degree thesis, a simulation for ship collision avoidance, in the next 3 years, I iterator delivery 4 versions and make it to be a complete tools, including displaying, animation, save simulation data to file and show operation during simulation. Here is hyperlink :

https://github.com/NAVERON/Collisionavoid

Github Opensource

3. **Others Skills**

c. **Drawing and Art design**

Having basic skills to painting, and participate propaganda department making some posters. Also, have ability to design program structure.

d. **Using software tools and find funny things**

Interested in software using and like to implement some function by myself. When I free, I will do some test to realize data structure. Have experience using Mathematica Software, and help me complete math problems.