




Jian Qi

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Self Introduction

Bio. I am currently a third-year student in the School of Information Science and Technology, Hainan Normal University, China.

Research interests. I am interested in many technologies. My undergraduate study covered many aspects, such as : **writing a software in Java, building a server, writing a website in HTML, and using Manim (3blue1brown's Python animation engine for explanatory math videos) Create videos, etc.** Currently, I am interesting in AI (machine learning, computer vision, and Autonomous-and-Creative Machines) and software architecture (Spring Boot, Vue).

Education


Sep 2018 – **Bachelor of Engineering**, *Hainan Normal University (HNNU)*, Haikou
Jun 2022 (expected) Major in Software Engineering
GPA : 3.07/5.0 | Rank : 6/44

Skills

Programming Skills : **Java**, C/C++, \LaTeX , Python, Git.
Software development : *familiar with software development process.*
familiar with program debugging.
familiar with solving problems on the Internet (Stack Overflow, GitHub, YouTube) .
Qualification Certificates : Programmer (entry-level). Software designer (intermediate).

Projects & Experiences

Mar 2021	Server Setup, HNNU, Alibaba Cloud (CentOS 7.8) <ul style="list-style-type: none">> Feb 2021, <i>Email Server</i>;> Mar 2021, <i>Frp Server</i>;> Mar 2021, <i>Nginx Server</i>; <div>Alibaba Cloud CentOS</div>
Feb 2021	
Feb 2021	Member of project team, Data visualization, HNNU, Java HTML <ul style="list-style-type: none">> Sep 2020 - Feb 2021, <i>Information Project Knowledge Map</i> <i>Java, HTML</i> ; 100% DataBase design and creation. 80% Back End Development. 30% Front End Development. <div>Java Spring Boot HTML Vue JavaScript MySQL</div>
Sep 2020	

Oct 2020 Feb 2020	Software development and video creation, HNNU, Java Python Swift <ul style="list-style-type: none"> > Aug-Oct 2020, <i>Yi-iOS</i> <i>Swift</i>; An instant messaging software with GUI. The software uses a third-party object C library to connect to MySQL. It runs on iOS. > Mar 2020, <i>Yi</i> <i>Java</i>; An instant messaging software with GUI. The software uses JDBC to connect to local MySQL. It runs on Windows and macOS. > Mar 2020, <i>DBMS Relational Algebra</i> <i>Manim, Python</i>; It is a video which introduces DBMS relational algebra.  : bilibili.com/video/BV1aK4y1C79i > Feb 2020, <i>Student club activity management system</i> <i>Java</i>; A local management system with GUI for managing student club activities. > Feb 2020, <i>2048 Game</i> <i>Android</i> <i>Java</i>; <div> Java Android MySQL Python Manim iOS Swift </div>
Nov 2018 Oct 2018	Tiny Software development, HNNU, C/C++ <ul style="list-style-type: none"> > Oct-Nov 2018, <i>Push Box</i> <i>C/C++</i>; It is a Command Line Game. You can control the movement of the character by using the arrow keys on the keyboard. <div> C/C++ software development </div>

Courses

> First year :

Programming Fundamentals I (77),
Programming Fundamentals II (85),
Mathematical Analysis I (65),
Mathematical Analysis II (73),
IT Fundamentals (72),
Linear algebra (88),
College Physics (72).

> Second year :

Probability and statistics (97),
Object-Oriented Programming (74),
Introduction to Software Engineering (90),
Data Structures (91),
Digital Logic (83),
UML (90),
Program design and Algorithm training (90),
Principles of Computer Organization (85),
Discrete Mathematics (77),
Principle and Application of Database (87).

> Third year :

Operating System (85),
Computer Network (74),
AI (90),
Software Architecture (81),
Software project development training (Professional probation) (84),
Software Requirements Engineering (85),
Fundamentals of Mobile App Development (81),
Compiler Principles (68),
Algorithm Design and Analysis (79),
Software Project Management (87),

Web Services Development (90),
Android Application Development (83),
Software Design Mode (78).

> **Fourth year (Courses under study) :**

Software Testing and Quality Measurement.

Languages

English : CET-4 : 427

Honors & Awards

Fall 2019 Outstanding academic scholarship.

Interests

Sports : Badminton, Football.

Arts : Photography, Music.

Misc : Traveling, Try new technology.

(last update : 14 Sep. 2021)