

Aiyi LI

Curriculum Vitae

Master Student
Bioinformatic Engineering
Graduate School of Information Science and Technology
Osaka University, Japan

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Homepage: <https://argyili.github.io>
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Github: <https://github.com/argyili>
Leetcode(cn): <https://leetcode-cn.com/u/argyi>

Personal

Born in June, 1999.

Hometown: Shenyang, China.

Areas of Expertise

Software Design & Development, Algorithm.

Research Direction

Swarm Intelligence, Multi-agent System, Motion Planning.

Research Theme

Distributed Fault-Tolerant Shepherding with Multiple Shepherds.

Education

M.S. Bioinformatic Engineering, Osaka University, 2023 (Expected).

B.S. Software Engineering, Hefei University of Technology, 2020.

H.S. Science, Shenyang No.31 Senior High School, 2016.

Employment

Internship, Sider Inc, Fixstars Corporation, Autumn 2021

Internship, Server team, Cocone Corporation, Autumn 2021

Technical Assistant, Center for International Education and Exchange, Osaka University, July 2021-.

Research Assistant, Institute of Social and Economic Research, Osaka University & Department of Economics, Simon Fraser University, Summer 2021.

Part-time, Informatics Subject Teacher, Imawa Academy, 2021-.

Intern, Software Engineer, Shenzhen Danale Technology Co., Ltd, Autumn 2019.

Skills

Language: English (Business), Japanese (Primary Business), Chinese (Native).

Experience Handling Both Research and Development.

Well-performed Presentation Ability, Good Reading Ability.

Programming Language: Java, Python, SQL, Javascript.

Tools: Git, Vscode, Linux, Docker, Latex.

Leetcode Medium Level.

At Present: Studying knowledge and implementation of visualization, statistics and machine learning.

Publication

Peer-reviewed Paper

To be added.

Conference Presentation

To be added.

Bachelor Thesis

Design and Development of Face Recognition System in Prison Based on OpenCV, 2020.

Honor and Award

The Prize of Advancement in HFUT, 2017-2018.

Chines Teacher Qualification Certification for Senior School English Subject, 2020.

Project Experience

Shepherding for agents by multiple shepherds under the distributed system (Research), 2021-.

Research and Development of Desktop Application for code review by Vue and Electron (Intern), Autumn 2021.

Implementation of Server application by Java Spring Boot (Intern), Summer 2021.

Data Analysis from Google Trends and Other Environment Websites by Python (RA), Summer 2021.

Excel Allocation System for Local Company by Python (Part-time), Spring 2020.

Face Recognition System based on OpenCV (Research), Winter 2019.

Maintenance of Android Application for Web Camera by Java and Kotlin (Intern), Autumn 2019.

Music Player Android Application by Kotlin, Summer 2019.

UI Automation Test Platform with Selenium, Spring 2019.

Wechat Mini Program for Demo Community based on weUI and Spring Boot, Winter 2018.

Tourist City Recommendation Website based on Java Spring Framework, Summer 2018.
Database Designment for SQL Server, Spring 2018.
Student Management System by C++, Spring 2017.

Work from Interests

Personal Webiste Rebuilding based on Jekyll, Spring 2021.
Wechat Auto Chat Robot by Python, Spring 2019.
Photos Exif Information Reader by Javascript, Spring 2019.
Text Handwriting Generator by Python, Winter 2018.
A* Algorithm based Maze Runner by Javascript, Spring 2018.
Vehicle Plate Recogintion with OCR by C++, Spring 2017.
Ingress Game Redeem Interface by Javascript, Summer 2016.

Resarch Lab

Meeting host, 2021

Extracurriculars

Participant in Suita International Friendship Association, April 2021-.
Campus band member, 2016-2020.

Last updated: November 28, 2021
https://argyli.github.io/files/vita_AiyiLi.pdf