个人信息	姓名：	范钰雯（Wendy）
	性别：	女
	年龄：	21
	学校：	香港科技大学（目前 CGA3.644）
	专业：	计算机科学，环境科技与管理 双主修
	微信：	wendyjiayu
	Email：	yfanaj@connect.ust.hk

研究/工作经历

大三期间一年的机器学习研究经历，在老师指导下独自进行珠三角地区臭氧浓度的预测，总体预测结果 R>0.8

大一暑期研究，和小组一起进行实地考察和实验室研究，并为政府汇报香港水源附近空气质量及改善方法

丹麦科技大学（DTU）学期交换，进修操作系统，机器学习，软件开发，动画渲染等课程

东软（Neusoft）实习一个月，负责与亚马逊公司对接项目，召开周会

研发一款 web 应用程序，显示校园内用户与好友的位置，以及校园内所有教学楼的室内空气质量

个人能力

四年内共修 162 分（要求 120），计算机科学相关课程除一门外全 A
编程能力强，能熟练运用 OOP 和各种数据结构，熟悉各种编程语言包括 C++，C，Java，Python，MATLAB，SQL，汇编语言并从事过相关项目，自学过 VBA，JavaScript，HTML
进修过三门算法相关课程，熟悉**基本算法和几何学算法**
学习过**动画渲染**，包括光线追踪，光子映射和 PT 系列算法
学习过**机器学习以及深度学习**的基本算法，对象包括 NLP，网络等
学习过**计算机操作系统**，设计过多线程，多进程等项目
学习过**数据库**，包括数据库语言和数据库服务
流利的**中英文**，善于汇报演讲
经常与公司合作，并善于与**团队沟通**，经常做团队的领导者
抗压能力强，学习速度快

荣誉/其他经历

两次获得香港科技大学大学**继续教育学生奖学金**
2019 年**英国皇家特许测量师学会奖学金**（RICS Scholarship）
三次进入**院长嘉许名单**
丹麦科技大学（DTU）学期交换
韩国高丽大学暑期交换
香港科技大学中国民间艺术坊第十三届财务秘书

PERSONAL INFORMATION	Name: Yuwen Fan (Wendy)
	Sex: Female
	Age: 21
	University: Hong Kong University of Science and Technology
	Current CGA: 3.644
	Major: Bachelor's Degree in computer science DOUBLE Environmental Management and Technology
	Wechat: wendyjiayu
	Email： yfanaj@connect.ust.hk

REASEARCH & WORK EXPERIENCE	Winter internship in Neusoft, duty in **holding weekly teleconference, and all other daily technical communication with Amazon.**
	One-year **independent research experience in machine learning** with guidance from professor in 2019, to predict ozone concentration in Pearl Delta Region. The overall training performance of the prediction is R>0.8.
	Summer research in 2017 to analyze and improve the air quality in Hong Kong, and report the results to the government.
	Term Exchange in Technical University of Denmark, engaged in **advanced study** mainly in operating system, machine learning, software development and image rendering.
	Design a **web application** in 2019 to show the real-time indoor climate and friends' location on the campus map
	Small games programmed by Java, assemble languages and C++ with the help of seniors.

ABILITY	Finish 162 credits in total (120 required) within four years' study. All courses related to computer science except one are in **A range**.
	Strong programming ability, proficient in using OOP and various data structures, familiar with various programming languages including C++, C, Java, python, MATLAB, SQL, assembly language and engaged in related projects, self-learned VBA, JavaScript, HTML
	Master in **algorithms**, including data structures, basic algorithms and advanced geometry algorithms
	Know well in **image rendering** with C++ project experience, including ray tracing, photon mapping, texture and PT series algorithm.

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Know well in basic algorithms of **machine learning and deep learning**, have done multiple deep learning projects in areas including big dataset, time series, NLP, network, etc.

Know well in computer **operating system** and master in assembly languages, project experience in multithreading and multiprocessing design

Know well in **database**, including database language, database manipulation services, and data file organizations.

Fluent spoken and written **Chinese and English**, also good at **academic writing and presenting**

Cooperative team-member and innovator under pressure, with rich leadership experience

Fast diligent learner hungry for knowledge

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AWARDS & OTHER EXPERIENCE

Two-years University's Scholarship for Continuing UG students with **top 10% academic performance**.

Royal Institution of Chartered Surveyors Scholarship in 2019

Three times nomination on **Dean's List**

Term exchange to Technical University of Denmark

Summer exchange to Korea University

Financial Secretary and Welfare Secretary of 13th executed committee of Chinese Folk Art **Society**

One-year **tutoring** experience in math and physics

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