Anton Fu

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Profile

I'm a self-driven and motivated Computer Science student at KTH, who love to learn new things. I'm currently pursuing my master degree in Machine Learning. I'm interested in statistics, artificial intelligence and software development in general.

Education

2021 – PRESENT ⚲ STOCKHOLM, SWEDEN
Machine Learning | Master of Science
KTH Royal Institute of Technology
Relevant Modules:
- Implemented a variety of **Deep Learning** models, both from scratch (Python) and using **PyTorch**.
- Classification techniques using python libraries such as **sklearn**, **Pandas** and **NumPy**.
- Handling large data with dimensionality reduction techniques such as **PCA** (Principal Component analysis) and **MDS** (Multidimensional Scaling).
- Applying simple robotic methods such as **SLAM** and path finding algorithms.

2018 – 2021 ⚲ STOCKHOLM, SWEDEN
Computer Science and Engineering | Bachelor of Science
KTH Royal Institute of Technology
Relevant Modules:
- Algorithm, data structure and complexity with **Python** and **Java**.
- Solving numerical problems using **MATLAB**.
- Creating a **virtual reality** simulation for training medical workers, using **Unity3D** and **C#**.

Work Experience

2021 – 2021 ⚲ UPPSALA, SWEDEN
Software Developer and Tester (Summer Intern)
Cytiva
- Worked agile in a small team.
- Developed an installer program using mainly **XML**.
- Systematically documented and reported bugs while testing on software as well as real lab-instruments.

2018 – 2019 ⚲ STOCKHOLM, SWEDEN
Math Tutor
My Academy
- Teaching basic calculus to several high school students.

Work Experience

2016 – 2018 ⚲ UPPSALA, SWEDEN
Wait staff/kitchen hand
Scandic Hotels
- Worked mainly as waiter.
- Various kitchen tasks such as dishwashing and cleaning.

Skills

ⓘ **PROGRAMMING SKILLS**

Java	
Python	
C	
Git	
SQL	

ⓘ **LANGUAGE**

English	**Full**
Swedish	**Native**
Cantonese (Chinese)	**Native**
Mandarin (Chinese)	**Limited**
Japanese	**Elementary**

Other Activities

2020 – 2021
Board member: Chairman
OForum: Student Apartment-building board
- Representing the tenants of the apartment building at Forum.
- Organizing and Involving in budget planning.
- Organizing and calling for board meetings.

2018 – 2020
Board member: Financial manager
KTH Basketball Club
- Handling all the economic aspects of the club, such as membership fees, printing jerseys, finding sponsors and etc.
- Arranging open basketball practices for all KTH to promote sports across campus.
- Carried out basic bookkeeping.

Webmaster
Family Buisness
- Maintaining the family business website using WordPress.