Justin Ma | Curriculum Vitae

⌨ yatzima.github.io   •   in yatzima   •   ⊕ yatzima

Education

Faculty of Engineering (LTH), Lund University	**Lund**
M.Sc. Engineering Physics - Machine Intelligence, Lund	*September 2020*

○ With a specialization in Mathematical Statistics and Computer Science.

International Cultural Exchange School, Fudan University (复旦大学**)**	**Shanghai**
Chinese Language Program, Shanghai	*Fall of 2018*

Professional Experience

Rambøll Group A/S	**København**
Data Scientist (In-house) - Data & Analytics	*October 2020 – Present*

○ Streamlined internal business processes by providing ML models within areas such as IT, Finance, Clients & Markets, etc. **(APIs, Azure, Deployments and Pipelines)**

CellaVision AB	**Lund**
Master's Thesis within Deep Learning	*May – September 2020*

○ Currently doing my master's thesis about image compression and image reconstruction on blod cell images using deep learning methods **(Python, TensorFlow, Keras, CNNs)**.

Lunicore Studentkonsult AB	**Lund**
Analytics Consultant	*February – August 2019*

○ Helped a middle-sized IT-company gain valuable insights by performing customer analysis using machine learning methods **(Python, Jupyter, Scikit-learn, K-mode, Random Forest)**.

Axis Communications AB	**Lund**
Machine Learning Intern - Core Analytics	*June – August 2019*

○ Developed an application for alarm validation using a deep learning model **(Python, Docker, YOLOv3)**.

Lund University	**Lund**
Teaching Assistant - Department of Computer Science	*Spring of 2016, 2017*

○ Taught and assessed over 20 first year students on a weekly basis regarding programming assignments in Java and Matlab **(Java, Matlab)**.

Leadership/ECS/Volunteer Work

Lundakarnevalen 2018	**Lund**
Bistro Manager (Train Section)	*April–May 2018*

○ Planned dinner courses and sourced ingredients to serve over 150 people on a weekly basis during preparations for Lundakarnevalen 2018.
○ Managed a team of eight volunteers including outlining of course preparations, serving, and cleaning.

GVI (Global Vision International)	**Mexico**
Marine Conservation Volunteer	*January–March 2014*

○ Investigated the condition of coral reefs on the Mesoamerican Barrier Reef through daily dives for research purposes.

Skills

Languages: Swedish, English, Cantonese, Mandarin.

Programming: python, java, matlab, LaTeX, vim, git, sql, julia, r, excel, html, css.

Certificates and Licenses: Driving License (B), PADI AOWD