



JIAYAO YU (MAO)

Data Engineer, UX Designer

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SUMMARY

I am a self-educated prototyper who facilitates the product development process. I am a design-minded communicator who ensures a clean and joyful user experience. When working with a diverse team, I am in my element.

SKILLS

Programming Platform

Python	Unity3d
ReactJS	Jupyter Notebook
C#/.NET/WPF	Tobii EyeX
Matlab, R	Oculus
C, C++	Kinect

Design Research

Sketch, Figma	Cognitive Science
InVision	Usability Testing
Photoshop	Data Engineering
Premiere	Academic Writing
3DsMax	
Rhinoceros	

EDUCATION

Oct 2018
Aug 2016

Human-Computer Interaction Design M.Sc.

KTH Royal Institute of Technology | Stockholm, Sweden
Aalto University | Espoo, Finland

Master thesis A grade (excellent)

Aalto Dean Incentive **scholarship**; GPA 4.0/5.0

Minor in Innovation & Entrepreneurship with *EIT Digital*

Aug 2016
Sept 2012

Electronic Information Engineering B.Eng.

Communication University of China | Beijing, China

Publication: Interaction design in Augmented Reality on the smartphone. CISP-BMEI 2016: 1317-1321

Outstanding **association leader** (magazine chief-editor)

EXPERIENCE

Present
June 2020
&
Sept 2019
May 2019

Data Engineering Intern/ Data Engineer

Ericsson R&D | Stockholm, Sweden

Constructing data pipeline using Kafka and ElasticSearch.
Optimising radio software testing framework by ML models using Pandas and Scikit-learn. Presenting data findings to developers and product owners.

April 2020
Nov 2019

UX Design Consultant

Semcon | Linköping, Sweden

Assisted in consultancy sales with regional customer companies.
Developed an iOS mobile app using Swift.

Dec 2018
Jul 2018

UI & UX Design Intern

Callstats.io | Helsinki, Finland

Designed complete views of a web dashboard (focused on data visualization), payment service among others. Worked closely with product, front-end and marketing teams.

Jun 2018
Feb 2018

Master Thesis Worker

Tobii Dynavox | Stockholm, Sweden

Prototyped a gaze-typing keyboard for users with speech & motor impairments using C#/.NET/WPF/MVVM. User-tested prototypes and recommended design decisions by data findings.

ACTIVITIES

Present
July 2019

EIT Digital Alumni Foundation | Europe

Working as the Marketing & Communication Officer of a EU-supported alumni community of 1.9k+ members, fostering entrepreneurship and social responsibility empowered by digital technologies.