



Hello! I am

JIAYAO YU

Interaction engineering designer

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📍 Stockholm, Sweden

in [Jiayaoyu](#) [Avaniyu](#)

EDUCATION

Present
2016

Human-Computer Interaction Design

Kungliga Tekniska Högskolan (M.Sc)

Aalto University (M.Sc)

Touch Interface – User Modeling Development

Collaborative Drawing – User Research

EventMap – Physical Interaction Design

Smooth Pursuit – Eye Tracking Calibration

Helsinki Traffic Card – Usability Evaluation

ChairUp – Hardware Development

Neighbourhood Car – Business Concept Development

2016
2012

Electronic Information Engineering

Communication University of China (B.Eng)

Downdate Beijing – AR Development

Media Youth – Magazine Journalism

“

I am an interaction designer using engineering approaches and humanistic empathy, an entrepreneurial spirit, a quick-learner, and a self-initiator. I'm having fun with designing and building simple interactions for people's daily life.

”

SKILLS

Programming

C/C++, C#, Python, .NET,

Matlab, R, Plotly,

Git, Linux, LaTeX, SSH

Design Tools

Axure, Balsamiq, InVision, Unity3d,

3DsMax, Rhino, CAD, Adobe Ps, Pr,

BootStrap

Hardware

Tobii EyeX, Kinect, PixelSense,

Raspberry Pi, Arduino, electronics

Language

Chinese (native)

English (fluent)

Swedish (basic)

Finnish (basic)

WORK EXPERIENCE

Present
2018
Feb

Thesis Worker

Tobii Dynavox Stockholm

Design and development of gaze-typing keyboard

User study keyboards on their typing performance

Design keyboard UI/UX and develop with C# and WPF

2017
Aug
May

Research Assistant

User Interfaces Research Group Finland

A group on modeling & optimizing HCI

Developed interactive python course demos

2016
June
Apr

User Researcher

Zhishi Yinxiang Co., Ltd China

A startup for online primary education

AWARDS

Aalto Dean-incentive Scholarship

CUC C-class Scholarship

(2013/2014)

CUC Outstanding student

Association Leader (2% of campus)