

QUANYU PIAO

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EDUCATION

Waseda University , Computer Science & Communication, <i>Master</i>	2019.04 - 2021.03
Beijing Institute of Technology , Computer Science & Technology, <i>Bachelor</i>	2014.09 - 2018.06

SKILLS

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- **Programming Language:** C, C++, Python, Java(Android), Swift(iOS)
 - **Framework:** Doris(Apache); PyTorch, TensorFlow 1.x; OpenCV
 - **Keyword:** Data Warehouse / Machine Learning / Client Development

INTERNSHIP

SOFTBRAIN Co., Ltd. , iOS Engineer	2019.08 - 2020.05
<ul style="list-style-type: none">• Develop a business card detecting module with OpenCV in iOS, 1 teammate.• Transfer a part of the existing Objective-C code to Swift code, independently.	
Amazon Japan , Summer Internship	2019.09
<ul style="list-style-type: none">• Experience developing Amazon Alexa Skills.	
SOHU, Inc. , Data Warehouse Engineer	2018.12 - 2019.03
<ul style="list-style-type: none">• Transfer existing data to Doris, including stability and performance testing, load balance, etc.• Learn the Kerberos protocol; Establish the Grafana server monitoring platform.	

PAPER & PROJECT

Project Paper , DEIM 2020	2019.07 - 2020.03
<i>The collaboration of the Real Sakai Lab, Waseda University and Wider Planet, Inc.</i>	
«Purchase Prediction based on Recurrent Neural Networks with an Emphasis on Recent User Activities»	
<ul style="list-style-type: none">• Use the BigTable of the Google Cloud Platform to analyze and process the Yoochoose dataset.• Suggest three kinds of user activity aggregating methods to predict user purchase activity in the Yoochoose dataset and evaluate the performance.	
Graduation Project	2018.01 - 2018.06
«Audio Recognition and Noise-Canceling based on RNN»	
<ul style="list-style-type: none">• Build a 3-layer-GRU model to learn human voice features, extract clear human voices from noisy environments.• Build a Chinese Voice-Text dataset by drama and subtitles, including 100GB with 370000 wave files.	
TIIC National Undergraduate IoT Design Contest	2017.04 - 2017.09
«Intelligent Pram»	
<ul style="list-style-type: none">• A pram model with sound location and auto obstacle avoidance features using 4 pieces of CC3200 boards.• Develop the supplementary Android application independently to control the pram's movement and features.	

CONTEST AND AWARDS

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- TIIC National Undergraduate IoT Design Contest, **National First Prize & Best Popularity Prize**.
 - Programming Contests in Beijing Institute of Technology, **Third Prize** for several times.
 - Scholarship in Beijing Institute of Technology, **Third Prize** for several times.

ACTIVITIES

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- Server administrator and lab safety officer, Real Sakai Lab, Waseda University.
 - Class Vice-Monitor (4 years), Minister in the Student Union (1 year), Beijing Institute of Technology.
 - TOEFL iBT: 80; TOEIC: 750; JLPT N2: 161; Putonghua Proficiency Test: Level 1-B.
 - Road bike, Randonneurs 200KM; Accordion, Amateur Grade 8th.
 - GitHub: <https://github.com/ShinoharaYuuyoru>
 - LinkedIn: <https://www.linkedin.com/in/quanyu-piao/>
 - Blog: <https://shinoharayuuyoru.github.io/>