Weixuan XIAO

Searching an opportunity of PhD in Computer Science, from March 2020

Phone Number: +33 6 15 21 62 19 Email: veyx.shaw@gmail.com

Address: appartement 0223, 23 avenue des allies, 91120 Palaiseau

CV with more detail: https://cv.inoki.cc/ GitHub: https://github.com/Inokinoki



EDUCATIONS

2017 - 2020Engineer's Degree Real-time System and Embedded System University of Technology of Compiegne

2014 - 2019Bachelor's Degree Information System Shanghai University

LANGUAGES

French

Level B2

English

Level B2 (TOEIC 880)

Japanese

Level B1 (JLPT N3)

Chinese

Mother tongue

SKILLS

C/C++, QtObjective-c

Python Java

ARM assembly

Docker

Android

Arduino

React JS

Scikit-learn

OpenCV

OpenCL

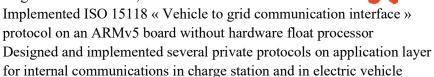
OpenGL

Unix/Linux

EXPERIENCES

EDF R&D / R&D Intern

August 2019 – Present, Palaiseau



KDE COMMUNITY / Google Summer of Code 2019

May 2019 – August 2019, Open Source

Ported Open Source project « KDE Connect » to macOS with some enhanced functionalities, including Notification Sync, Clipboard Sync, etc. Proposed and implemented the integration of « D-Bus » in KDE apps Implemented extra native functionalities on macOS, hacked FreeBSD dynamic library format « dylib » and fixed issues in « KDE Connect »

EMBEDDED SYSTEM DEVELOPMENT / Student

January 2019 – June 2019, Paris

Made a Call Center module for team in ExtJS, Django and Twilio API Built a crawler with Selenium, Requests and Beautiful Soup to collect the data of BnbLord, which is stocked in bookingsync.com Built and maintained a standalone application for guest in ReactJS Built a native application with React Native for iOS and Android

SWOOLE COMMUNITY / Contributor

July 2018 – August 2018, Open Source

Contributed to the « disconnect » method of WebSocket server with status code and reason according to RFC 6455

Worked on « onMessage» method for listening WebSocket close frame

SIGNIN TECHNOLOGY / Full Stack Intern

January 2015 – August 2015, Shanghai

Built dianmingle.me website with Apache2, MySQL, PHP Stack Designed and developed Web and mobile JSON API on PHP

Built an Android Application with mobile API for QR Code sign in system

RESEARCH

Core courses and mastered knowledge:

Data Structure and Algorithm, Telecommunication Theory

Probability and Statistics, Artificial Intelligence, Advanced Automated Linear Algebra, Computer network, Analysis and Synthesis of images Embedded System (Firmware, driver, embedded system architecture)

Paper: « Numerical study of ballast-flight caused by dropping snow / ice block in high-speed railways using Discontinuous Deformation Analysis

(DDA) » under review by « Transportation Geotechnics »



Google

GuestReady