CAI RUI

PROFIL

- Innebygd programvareutvikler innen IoT-systemutvikling.
- Erfaring med smidig utvikling og effektivt teamarbeid.
- Lidenskapelig til å kommunisere med mennesker fra ulike kulturelle bakgrunner.

KONTAKT

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SPRÅK

Kinesisk Mandarin – Morsmål
Kinesisk Kantonesisk – Morsmål
Engelsk –Flytende
Norsk – Middels
Arabisk – Middels
Japansk – Middels
Spansk –Middels
Svensk – Nybegynner
Finsk – Nybegynner

HOBBIES

Klassisk gitar • Reise • Gå tur og lek med katten min • Lesning

UTDANNELSE

BACHELOR I DATAVITENSKAP OG TEKNOLOGI, LANZHOU UNIVERSITY, KINA
SEPTEMBER 2017 – JUNI 2021

- Bachelorutdanningen min ga meg praktiske ferdigheter og kompetanse til å starte min karriere som programvareutvikler.
- Bacheloravhandling: The Design and Implementation of Photovoltaic Board Power Monitoring System.

BACHELOR I GEOGRAFIC INFORMATION SCIENCE, LANZHOU UNIVERSITY, KINA
SEPTEMBER 2016 – JUNI 2017

Jeg lærte hovedsakelig fysisk geografi og kartografi, men det er ikke fullført fordi jeg gikk over til hovedfag informatikk og teknologi i 2017

ARBEIDSERFARING

ASSOCIATE INGENIØR, ADVANTA DEVELOPMENT, SIEMENS
HELTID, SUZHOU, KINA
JULI 2021 – NÅ

Ansvarlig for forskning, utvikling og vedlikehold i smarthus IoT-prosjekt på ulike plattformer. Oppgaver inkluderer:

- SieNeuro System: Deltok i utviklingen og vedlikeholdet av dette ZigBee-baserte systemet for intelligent kontroll av husholdningsutstyr.
- Smart Lock. Bidro til de viktigste funksjonene som den intelligente styringsmetoden for strømforbruket, utvidet batterilevetid ved å optimere behandlingstiden for dørlåsoppgaver fra 2 minutter til 500ms.

INTERN EMBEDDED SOFTWARE R&D INGENIØR, FORSKNINGSINSTITUTT FOR AEROSROM INFORMATION, CHINESE ACADEMY OF SCIENCES
FULLTIDS PRAKTIKK, SUZHOU, KINA
JULY 2020 - SEPTEMBER 2020

Deltok i plugin-utvikling på en innfødt mobilplattform basert på Android og feilsøking for mobile enheter og CI/CD-vedlikehold på Gitlab.

FERDIGHETER

Innebygd C/C++, HTML, JavaScript, CSS, mySQL, Python, Linux, AWS IoT, OpenWrt, FreeRTOS, Software/Hardware IoT-testing

UTMERKELSER

Tredjeklasses stipend på skolenivå	2018-2019
Nasjonalt inspirasjonsstipend	2017-2018, 2018-2019
Student fartsetter	2017-2018
Mathematical Contest in Modeling (MCM) Successful Participant	2018

REFERANSER

Jiang Shi Jun, tidligere ledende ingeniør i Siemens Advanta Development, Kontakt: 674515895@qq.com

Zhang Gao Feng, læreren på mitt grensesnitt og kommunikasjonskurs og min veileder på bacheloroppgaven, contact: zhanggaof@lzu.edu.cn

CAI RUI

PROFILE

- Embedded software engineer in IoT system development.
- Experience with agile development and efficient team working.
- Passionate to communicate with people from various cultural background.

CONTACT

Email:
raychromium@outlook.com
LinkedIn:
https://www.linkedin.com/in/cai-rui/
Phone: (+86) 158 7599 3990

LANGUAGES

Chinese Mandarin – Native
Chinese Cantonese – Native
English – Fluent
Norwegian – Intermediate
Arabic – Intermediate
Japanese – Intermediate
Spanish – Intermediate
Swedish – Beginner
Finnish – Beginner

HOBBIES

Classical Guitar • Travel • Hiking • Reading

EDUCATION

BACHELOR IN COMPUTER SCIENCE AND TECHNOLOGY, LANZHOU UNIVERSITY, CHINA
SEPTEMBER 2017 – JUNE 2021
- My bachelor's education gave me practical skills and competence to start my career as a software developer.
- Bachelor dissertation: The Design and Implementation of Photovoltaic Board Power Monitoring System

BACHELOR IN GEOGRAPHIC INFORMATION SCIENCE, LANZHOU UNIVERSITY, CHINA
SEPTEMBER 2016 – JUNE 2017
I mainly learned physical geography and Cartography, but it is not completed because I transferred to computer science and technology major in 2017

WORK EXPERIENCE

ASSOCIATE ENGINEER, ADVANTA DEVELOPMENT, SIEMENS
FULLTIME, SUZHOU, CHINA
JULY 2021 - PRESENT
Responsible for research, development and maintenance in smart home IoT project on various platforms. Tasks include:
- SieNeuro System: Participated in the development and maintenance of this ZigBee based system for the intelligent control of household equipment.
- Smart Lock. Contributed to the major features such as the intelligent management method for the power consumption, extended battery life by optimizing door lock task processing time from 2 minutes to 500ms.

INTERN EMBEDDED SOFTWARE R&D ENGINEER, AEROSPACE INFORMATION RESEARCH INSTITUTE, CHINESE ACADEMY OF SCIENCES
FULLTIME INTERN, SUZHOU, CHINA
JULY 2020 - SEPTEMBER 2020
Participated in plugin development on a native mobile platform based on Android and troubleshooting for mobile devices and CI/CD maintenance on Gitlab.

CORE SKILLS

Embedded C/C++, HTML, JavaScript, CSS, mySQL, SQLite, Python, Linux, AWS IoT, OpenWrt, FreeRTOS, Software/Hardware IoT Testing

HONORS & AWARDS

School-level third-class scholarship	2018-2019
National Inspirational Scholarship	2017-2018, 2018-2019
Student pacesetter	2017-2018
Mathematical Contest in Modeling (MCM) Successful Participant	2018

REFERENCES

Jiang Shi Jun, former Lead Engineer in Siemens Advanta Development, contact: 674515895@qq.com
Zhang Gao Feng, the teacher of my interface and communication course and my bachelor dissertation supervisor, contact: zhanggaof@lzu.edu.cn