

Huan-Cheng Chang

+44-7594-768534 ◇ hello@changhc.me ◇ <https://changhc.me/> ◇ changhc@github

Skilled software engineer seeking opportunities for growth and long-term contribution to challenging projects.

SKILLS

Programming/Scripting Languages: Python, Rust, Go, Kotlin, TypeScript, C++

Software Frameworks/Libraries: Spring Boot, Elasticsearch, Pytorch, React.js, PyQt

Languages: Mandarin (native), English (fluent), French (elementary), Taiwanese (elementary)

Concepts: Algorithms, Data structures, Version control, Software Development Life Cycle (SDLC)

EXPERIENCE

Trilitech Ltd.

05/2024 – Present

Software Engineer

London, UK

- Building tools and services in Rust around blockchains to provide smooth developer experience
- Rescued a collapsing core service used by the entire blockchain ecosystem and led a successful infrastructure migration to GCP

Flexport International B.V.

09/2023 – 04/2024

Software Engineer II

Amsterdam, The Netherlands

- Built data pipelines and services that consume and transform internal events with Kotlin and Spring Boot to automate accounting and financial reporting
- Identified opportunities for optimisation in testing and improved test quality and execution time

Lightly AG

03/2023 – 07/2023

Software Engineer

Zurich, Switzerland

- Implemented features in Python to support new data types for the company's machine learning tool
- Introduced a new code generation tool to provide better user experience and improved product stability and developer productivity

Meta Platforms, Inc.

10/2022 – 02/2023

Production Engineer / SRE

London, UK

- Built data pipelines in Python for filtering and detecting potentially malicious WhatsApp users
- Built a command-line tool in Rust to provide core functionality for oncalls in emergency

Basis AI

04/2019 – 09/2020

Software Engineer

Singapore

- Built a platform that orchestrates machine learning jobs and handles MLOps based on Kubernetes in Python
- Improved our CI/CD pipelines with TeamCity and reduced 30% of build time
- Enabled machine learning job pipelining in our platform using Argo Workflow

R&D, Shopee Singapore Pte. Ltd.

09/2018 – 04/2019

Software Engineer – Machine Learning

Singapore

- Built services that could tolerate high QPS to serve recommendation algorithms in Go
- Built recommendation algorithms using item similarity and user behaviour data
- Created machine learning models for feed recommendation using user behaviour, post content, etc.
- Deployed recommendation algorithms using MapReduce and Hadoop

EDUCATION

École polytechnique fédérale de Lausanne, Lausanne, Switzerland

09/2020 – 08/2022

Master of Science, Computer Science. GPA: 5.50/6.00

National Taiwan University, Taipei, Taiwan

09/2013 – 01/2018

Bachelor of Science, Electrical Engineering. GPA: 3.95/4.30