

TIAGO EIDI HATTA

+46 073 505 56 53 ◊ tiago.eidi@gmail.com

Gothemburg◊ Sweden

LinkedIn: www.linkedin.com/in/tiagohatta

EDUCATION

University of Campinas (UNICAMP)

Mar/2014 - Dec/2018

Bachelor in Computer Engineering

Emphasis on Industrial Systems and Processes

SKILLS

Programming Languages

C/C++, Java, Python, Bash

Softwares & Tools

ADB/Fastboot, Jira, Jenkins, Gerrit, GIT, Wireshark

LANGUAGES

Portuguese

Native

English

Fluent

Swedish

Beginner Level

EXPERIENCE

Research & Development SSW Intern

May/2022 - November/2022

Volvo Cars (Consultant by Sebratec)

- Development and troubleshooting of C++ code for software download and Over-The-Air upgrades to Volvo infotainment systems.
- Development of automated test cases using Behave and Pytest frameworks for Continuous Integration and Delivery.
- Planning and continuous improvement based on SCRUM and SAgile agile methodologies.
- UDS basic protocol analysis for bug fixing.

Software Engineer

Aug/2018 - April/2022

Eldorado Research Institute

- Responsible for developing, integrating, and debugging (C++ and Java) code related to Wi-Fi (802.11), Bluetooth, Multimedia Audio, and Location Based Systems on Motorola Android smartphones.
- Experience with AOSP Architecture on its different layers (System apps, Framework, HAL, Driver) and wireless protocols, especially Bluetooth BR/EDR/LE.
- Lead of a documentation project development given the team workflow based on Agile methodology.
- Work directly with OEM (Qualcomm and Google) and the Quality Assurance team for Android upgrades.
- Bluetooth stack customization of Android Automotive OS on Raspberry Pi 4 boards in order to emulate car stereo systems.

PROJECTS

IoT Device for Smart Battery Collection

Aug/2017 - Jul/2018

Institute of Computing - UNICAMP

Advisor: Professor Juliana Freitag Borin

- Internet of Things prototype developed using NodeMCU platform, MQTT protocol and web design (HTML, CSS, Javascript, Framework Django (Python)).
- Project part of UNICAMP's Smart Campus program, assisted by the University Administrative Office, Konker Labs and LMCAD (Multidisciplinary High-Performance Computing Lab).

CERTIFICATES

Embedded Android Training

July 2018

Embedded Labworks

- Understanding of the Android internals and its native, framework, and application layers.
- Tools and resources available for debugging.

Training in Linux Device Drivers

April 2019

Embedded Labworks

- Introduction to the general architecture of the Linux kernel.