Sergio A. Ulloa B.

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WORK EXPERIENCE

HappyVolt, La Reina, RM, Chile

- **Technical Consultant**   August 2020 – December 2020
- **Technical Consultant**   November 2019 – February 2020
- **Internship**   February 2019 – November 2019
- **Roles**
  - Electronics Designer
  - Software Engineer
  - Electronics Technician
- **Highlights**
  - Led the hardware design process of an automatic fruit testing robot targeted towards the agriculture industry.

EDUCATION

Universidad Autónoma de Chile, RM, Chile   2021 – 2022
- **Computer Engineering**
  - 4 Semesters completed

Liceo Industrial Bicentenario Chileno Alemán, RM, Chile   2015 – 2019
- **Electronics Technician Degree**
- **Highlights**
  - Represented school at **WorldSkills Chile** 2017 and **WorldSkills Chile** 2018, obtaining 2nd place in electronics and 2nd place in robotics, respectively.

SKILLS

Programming Languages
- Golang, Python, Arduino, C++, Bash

Web Development
- SvelteKit, TailwindCSS, TypeScript

Electronics & CAD Design
- KiCad, Eagle, Fusion360, Embedded Development

Development Environment & Productivity Tools
- Linux, Git, Docker, NeoVim, VS Code, Latex, Microsoft Office Suite, RegExp

ACHIEVEMENTS

Capture The Flag
- **8dot8 CTF**
  - 2022 – Third place – Solved challenges consisting of Cyphers, Reverse Engineering & Cryptography.

Hackathons
- **AngelHack Global Hackathon Series**
  - 2019 – AngelHack Santiago & EY Fintech challenge Winner – Development of a digital bank with a focus on new workers and immigrants.
  - 2018 – Hurify Open Challenge Winner – BLE tracker development.
- **Nasa SpaceApps Challenge**
  - 2017 – Development of IgniSight, a LoRa mesh network capable of detecting wildfires.
  - 2016 – First place, technology – Development of a 3D printable modular rocket.

LANGUAGES

- Spanish: Native language
- English: Fluent (speaking, reading, writing)
  - TOEFL Junior B2 Certification