

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 Developer
 - 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