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 for agriculture industry customers.
  Performed component research, prototyping, implementation, and testing.

EDUCATION

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