

# 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 Technician, Electronics Designer, Software Engineer
- **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 Chileno Alemán**, Ñuñoa, 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

## 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