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EDUCATION

- 2012 - 2018 | **Computer Engineering Licentiate Degree**, Tecnológico de Costa Rica, Cartago.
- 2009 - 2011 | **Mid-level technician in Electronics and middle education bachelor degree**, Colegio Vocacional Monseñor Sanabria, San José.

EXPERIENCE

- Jan. 2020 - Present | **FullStack Software Engineer, FIRST FACTORY SRL**, Heredia, Costa Rica
- ▶ Implemented new features, extracted requirements and maintained clients' software portals helping them reduce their time to market.
 - ▶ Automated processes between application environments using serverless calls with AWS Lambda.
 - ▶ Fixed and enhanced performance issues in clients' applications changing both, FrontEnd and BackEnd code.
 - ▶ Worked on FrontEnd, BackEnd, Datasource and Cloud solutions as required.
 - ▶ Assisted in candidates' selection interviews evaluating their technical capabilities.
 - ▶ Served as liaison between FirstFactory team and client's Dev Team all for US based companies.
- Sep. 2018 & Aug. 2019 | **IT Freelance Consultant, CONSTRUCTORA SACC DE CR S.A.**, San José, Costa Rica
- ▶ Bought and configured company's domain.
 - ▶ Created and managed staff mail accounts.
 - ▶ Built a website with basic information about the company.
- Jan. 2018 - May. 2019 | **Software & Firmware Developer, SONIVISIÓN S.A.**, San José, Costa Rica
- ▶ Used OpenWRT to build a custom GNU/Linux on a MIPS device.
 - ▶ Ported kernel modules from ARM to MIPS architecture.
 - ▶ Implemented a custom indoor asset tracking solution using multiple BLE devices.
 - ▶ Built Frontend & Backend in JS based web app.
 - ▶ Designed and managed SQL database.
- Aug. 2017 - Dec. 2017 | **R&D Internship, SONIVISIÓN S.A.**, San José, Costa Rica
- ▶ Embedded system software development.
 - ▶ Established a web API's for data analysis.
 - ▶ Engineered an early mobile application version for the embedded systems' data visualization.
- Nov. 2014 | **Hardwarethon, TECNOLÓGICO DE COSTA RICA**, First edition, 48 hours, Second Place
- ▶ Designed and implemented embedded devices for parking lot management system.
 - ▶ Prototyped three different embedded system based in microcontrollers and IoT sensors.
 - ▶ Focused in data mining with a SQL database, web dashboard, and, connects to users through a multi-platform app.
- 2011 | **IT Assistant, MILLENIUM COMPUTER SYSTEMS**, San José, Costa Rica
- ▶ Aided as assistant in the use of personal computer hardware, software and specialized mainframe technology.
 - ▶ Responsible for carrying out prevention, diagnosis and repair tasks in computer equipment.
 - ▶ Served as liaison between IT department and company platform users.

ACADEMIC EXPERIENCE

- 2017 | **Programming Languages Teaching Assistant**, Tecnológico de Costa Rica
- ▶ Inspected and scored assignments for a class of 15 students.
- 2017 | **Analog Design Laboratory Teaching Assistant**, Tecnológico de Costa Rica
- ▶ Inspected and scored assignments for a 20 students class.

2016 - 2017	Computer Engineering Academic Area Assistant , Tecnológico de Costa Rica <ul style="list-style-type: none"> ▶ Collaborated with administrative personnel. ▶ Created surveys and forms for teachers and students. ▶ Participated in administrative commissions (curricula planning, accreditation board).
2016	Mentor, IntegraTEC program , Department of Orientation and Psychology, ITCR <ul style="list-style-type: none"> ▶ Assisted a group of freshmen so that they improve their academic performance and adaptability in TEC. ▶ Encouraged students to get involved in extracurricular activities in order to increase their soft skills.
2015 - 2016	Secretary of Student Welfare , Computer Engineering Students Association, ASEIC <ul style="list-style-type: none"> ▶ Achieved collaborative work with the Computer Engineering department in activities designed for admitted and potential students. ▶ Served as a student representative in commissions and participation with administrative procedures in benefit of students, such as requirement exemption and courses enrollment. ▶ Ensured the student's welfare as well as responsible for giving feedback related to academic staff. ▶ Helped organize the first ever Computer Engineering Week.

SKILLS

Programming	Java, Groovy, JavaScript, Python, C/C++, Assembly, SQL & NoSQL
Frameworks & Libraries	Spring, Grails, ReactJS, GORM, Hibernate, JQuery, Loopback Framework
Others	Git, GNU/Linux, OpenWRT, Markdown , XML, JSON, HTML, CSS, Android Studio, Arduino, Amazon Web Services (<i>AWS</i>).

LANGUAGES

Spanish	Native Speaker.
English	Solid working knowledge and conversational proficiency.