Juan Carlos Garfias Tovar

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Junior Software Engineer & Web Developer

About me:
Firm foundation on object-oriented programming, web development and passion for UX and UI design

Skills

- **Programming:** Java, Python, git, Ruby, C++, html5, CSS, JavaScript, MySQL, SQLite, Firebase, bash, React Native & Firebase
- **Multimedia:** Adobe Premiere, Adobe Photoshop, Adobe After Effects, Sony Vegas, Maya & ZBrush
- **Languages:** Spanish (native), English (near native), French (A2), Mandarin (basic communication skills)

Education

- **Instituto Tecnológico de Estudios Superiores de Monterrey International Baccalaureate Diploma**: Computer Science HL, Business management HL, English A HL, Spanish A HL, Mathematics SL & Physics SL
- **Codeacamp:** Full stack web developer Bootcamp
- **Escena**: 3D Modeling diploma

Professional Experience

- **J&J Eventos Especiales:**
  Mexico City, Mexico — April 2016 - Present
  Role: Video editor, graphic designer & software engineer
  Construction of database and point of sale software: Improving the efficiency and sales registry
- **Tech Soft Consulting**
  Mexico City, Mexico — October 2018 - Present
  Role: Web developer, data analyst
  Construction of website google analytics analyst and bot developer: created website (https://techsoftconsulting.mx/) and positioned it on top results, created an AI bot with backend connection to firebase

Personal Projects & Activities

- **Ctrl Alt Tec Hack Club**   **2018-Present**
  Programming club partnered with the biggest computer science group community (Hack Club)
  Role: Cofounder, teacher and web developer

- **Kiwi**   **2018-2019**
  Open source cloud-based printing system for schools
  Role: Backend developer, connection to firebase and python developer for hardware drivers

- **NASA Zero Robotics 2017**   **2017**
  ISS, NASA & MIT Satellite space international competition. Top 50 on 2D competition
  Role: Programmer and solution designer for the competition

- **MeteorITO**   **2018-Present**
  Opensource meteorological station built with Arduino
  Role: Team leader, hardware & software developer

- **ManGo App**   **2017-Present**
  Services application
  Website and JavaScript React native developer
  Role: Web and React Native developer

- **Hackmx Hackathon App Mi Santander**   **2018**
  Android app questionnaire created on React Native for Santander for the 32-hour development and innovation marathon Hackmx
  Role: Web and React Native developer

- **Tamán Keet 339**   **2016-2017**
  Robotics team of Prepa Tec CSF

- **MIT Launch X**   **2017-2018**
  Entrepreneurship & Leadership
  Role: Hardware developer for piezoelectric generator

Individual Projects:

- **Happy Cactus**   **2018**
  Web based app

- **KukulKan Store system**   **2017**
  Java based sales system for a grocery store

- **Subway Order Cooking App**   **2016**
  Ruby based game for cooking subways