Israel López Cruz

Front-end Developer

Creative, results-oriented, purposeful, and talented Engineer with strong technical background. Passionate about Web Development and Front-end technologies. Committed to finding efficient, robust, and attractive solutions to engineering problems.

✉ isralop26@gmail.com   📱 (+52) 5523147599   🔲 isralopez.netlify.app   in linkedin.com/in/israel-lopez-cruz

WORK EXPERIENCE

Front End Developer
Luxoft a DXC Company

11/2021 - Present   *Mexico City*

- Developing Frontend solutions with REACT and Next JS.
- Integrated Careers page hosting service through APIs.
- Developed templates to integrate content through CMS.
- Developed own API for taxing applications.

Robotics Engineer
Procter & Gamble

06/2020 - 11/2021   *Mexico City*

- Worked as Line Manager for a Packing Line, managing 30 employees.
- Responsible for the Robotic technology, vision algorithms, and software optimization.

Software Engineer
ADCOS de Mexico

01/2019 - 06/2020   *Mexico City*

- Enhanced a customized Software solution, saving up to 40 hours of work.

Firmware Engineering Intern
Honeywell

05/2017 - 04/2018   *Mexico City*

- Tested and debugged software code and electronic devices for Embedded Systems.

SKILLS

Technical Skills
- Web Development: ReactJS, NextJS, HTML5, CSS3, Javascript. Comfortable in learning new coding languages and frameworks.
- Use of APIs and Libraries: Axios, Styled Components.
- Use of CMS: Contentful.
- Control Version Systems: Github.
- Solid understanding in Object Oriented Programming. Basic Python and C language.

Interpersonal skills
- Communication skills such as speaking to technical and business audience, in both English (advanced) and Spanish (native) language.
- Passion for Teaching.

EDUCATION

B.S. Digital Systems and Robotics Engineer
Instituto Tecnológico y de Estudios Superiores Monterrey (ITESM CEM)

08/2014 - 12/2018   *Overall GPA: 97.3 / 100*

- Web Development: HTML, CSS, Javascript, NodeJS
- Applied Robotics

LANGUAGES

Native Spanish   ● ● ● ● ●

Advanced English   ● ● ● ● ●

Basic French   ● ○ ○ ○ ○

FEATURED PROJECTS

Careers Page Integration (01/2022 - 02/2022)
Integrated a Careers Web Page using Greenhouse Hosting Platform through REST APIs services.

My Personal Portfolio (06/2021 - 08/2021)
My own personal website implemented through React, HTML,CSS and Javascript.

Self-driving Car Development (06/2018 - 11/2018)
Autonomous remote control car capable of self-driving following a car lane avoiding obstacles. Designed and implemented electronic circuits, Computer Vision algorithms, sensors, and real time monitoring using Robot Operating System.

Multipurpose Joystick (11/2017)
Project for people with disabilities. A single joystick capable of handling the movement and direction of a wheelchair, and the rotation of a camera. It also turned into a wireless mouse for a computer.

CERTIFICATES

The Web Development Bootcamp (06/2021)
Issued by: Udemy

Loss Elimination Cycle and Troubleshooting (IWS) (07/2020)
Issued by: P&G as member of LE Pilar (IWS)

AWARDS AND ACHIEVEMENTS

"Best Graduate" ANFEI Award (2019)
Issued by the Mexican National Association of Engineering Faculties

"Excellent Grade Point Average (97.3)" Award (2011 - 2018)
Awarded consecutively in all University Semesters and all High School Semesters

"Borrego de Oro" Award (2018)
Represents the highest honor at Art and Culture School at Tecnológico de Monterrey, as part of outstanding performance in extracurricular activities

"Student Leadership" Award (2018)
Awarded for outstanding performance in official teams at Tecnológico de Monterrey

Scholarship Award to study in Oxford, U.K. (2013)
Awarded to study a High School semester at Abacus College

OTHER ACTIVITIES AND HOBBIES

Professional Musician: drummer and percussionist

Math tutoring and Coding teacher   Soccer player