

## Education

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### Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM)

Bachelor of Science in Computer Science and Technology, GPA 93/100

Relevant coursework: Interactive Design Fundamentals, Development of Web Applications

**Aug 2015 – Dec 2019**

Monterrey, Mexico

### The University of Texas at Austin

Semester International Exchange Program

Relevant coursework: Design and Research Fundamentals

**Jan 2019 – May 2019**

Austin, Texas

## Work Experience

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### Microsoft

Software Engineering Intern

**May 2019 – Aug 2019**

Redmond, Washington

- Designed and developed a feature that allows the opening and editing of PDF files in Word for Mac, by leveraging a conversion service that converts the file to DOCX using C++.
- Modified the backend to support the conversion of other file types in the future, and the file open UI to allow the selection of PDF files from different sources.

### Bitso | Mexico's first and largest crypto exchange

Software Engineer Intern

**May 2018 – Aug 2018**

Mexico City, Mexico

- Implemented a webhook system that sends notifications for certain events through the API using PHP and Java.
- Built a Bitcoin Cash address converter, allowing users to use two formats on the platform, increasing usability.
- Supported the cross-border product by adding transaction limits and automating tasks to improve scalability.
- Deployed & managed the review process of Bitso's front-end challenge resulting in new engineering hires.

## Major Projects

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- Designed and developed a visual compiler using Python, Django, HTML, CSS, and JavaScript to help teenagers practice programming concepts. It consists of blocks with programming statements that are dragged to a canvas and compiled to produce an output.
- Developed a project with Austin Pets Alive that included research through interviews, observation and affinity mapping, and design through iterative prototyping and testing. The outcome was a high-fidelity prototype.
- Designed and developed a directory in HTML, CSS, JavaScript and PHP for a university. It displays student's and mentor's information and allows filtering based on different criteria.
- Developed an iOS application in Swift to help high school students reinforce chemistry topics. This project was awarded third place at ITESM's engineering project expo.

## Leadership Activities

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### Women in Technology | President

**2018**

- Defined the strategic priorities of the group and hosted career development events and workshops.
- Formed alliances with companies and local communities to increase impact.

### Grace Hopper Celebration of Women in Computing Scholarship

**2018**

- Selected as an Anita Borg Institute Scholar to attend the Grace Hopper Celebration.

### Microsoft Tuition Scholarship Award

**2017 & 2018**

- Awarded the Microsoft Tuition Scholarship for demonstrating passion for technology.

### ITESM's Computer Science Student Association | Secretary

**2017 - 2018**

- Planned the annual trip to Silicon Valley, organizing the logistics and scheduling visits.
- Coordinated meetings and tracked KPIs to support members in achieving the council goals.

## Programming Languages & Skills

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### Intermediate:

C++, Python, PHP, JavaScript

### Beginner:

Swift, C

### Tools & Technologies:

HTML, CSS, SQL, Git, Scrum