

EDUCATION

Tecnológico de Monterrey, Monterrey NL

Graduation: **Dec 2018**

- Ingeniería en Tecnologías Computacionales (equivalent to B.S. in Computer Science)

WORK EXPERIENCE

- **Google Engineering Practicum Intern** May 2016 – Aug. 2016
 - Worked on the Android Graphics team.
 - Developed a multithreaded tracing framework in C++ to intercept streams of surface and display updates in SurfaceFlinger, vastly decreasing debugging time of graphic issues.
 - Integrated control of the tracing framework to the Systrace open source tool.
 - Wrote unit and integration tests for full coverage of the framework.

PROJECTS

- **Life suggestions bot** (April 2016) Created a Twitter Python bot that gives life suggestions to users. It processes previous positive tweets as the base of each reply. <https://goo.gl/u31ZH8>
- **Emendo** (February 2016) (HackMTY Hackathon) Implemented the scoring system for comments and posts in a social network developed using CakePHP for the the backend. <https://goo.gl/LCzYK3>
- **Emoji Translator** (September 2015) Developed native Android app which translates face expressions to emojis in real time using the Mobile Vision API. <https://goo.gl/0A7d3L>
- **Sound It** (July 2015) Developed native Android app using the MVC pattern for sending ephemeral voice messages. It uses Parse.com to store the user objects, relations and messages.
- **El mejor profe** (December 2014) Developed a web app that sorts math teachers with a 3 feature weighted score. The score is calculated with the user rating of each feature. The app was made with *JavaScript* and *HTML/CSS*. <http://goo.gl/GvGRrj>

ACTIVITIES

- **2016 ACM-ICPC** Currently participating for the 2016 "Gran Premio Mexicano" ACM-ICPC programming contest.
- **2016 Top Tec Programmer** Participated in the local programming contest at Tecnológico de Monterrey.

SKILLS

- **C++** (Proficient); **Java** (Proficient); **Python** (Proficient); **Javascript** (Basic);