**José Alejandro Farías Ruelas**

Jose15290348@itcg.edu.mx

Cell: +52 (341) 156 8211

**EDUCATION**

**Instituto Tecnológico de Ciudad Guzmán (ITCG, TNM)**

Ingeniería en Sistemas Computacionales

Expected graduation date: June 2020

GPA: 100/100

**WORK EXPERIENCE AND PROJECTS**

**Spring 2016**

* Developed of autonomous automobile that by sensors and a control algorithm (PID) evades objects avoiding collisions (using microcontroller PIC), configured from andriod app (also developed by the team). (Team work)
* Developed of competition robot for embedded systems competence, programming a microcontroller PIC in C language, under the model of "finite states machine". (Software part).

**Fall 2016**

* Design of a Desktop application for the solution of "numerical methods" problems, to facilitate the work to students who take this class (Language C ++).

**Spring 2017**

**TECHNICAL SKILLS**

**Programming Languages:**

C/C++, 1.5 years

Java, 7 moths

M language (MATLAB), 6 months

**Languages:**

Spanish (native)

English (professional proficiency)

**Platforms:**

Windows 10 (user)

**AWARDS LEADERSHIP**

* **2th Place** at “National event of technological innovation” local phase (still in competition). (May 2017)
* **Participant** in internal programming contest at ITCG. (November 2016).
* **4th Place** at "National Event of Basic Sciences 2016" regional phase. (September 2016).
* **2th Place** at Professional levelat the competition of mathematics of the Fair of Science and Technology, Southern Jalisco, Mexico. (November 2015).
* **Bronze Medal** at Mexican Mathematics Olympiad state phase (Jalisco). (2013, 2014)
* **Silver Medal** at University Olympiad of mathematics. (2012, 2013, 2014).
* **Bronze and Silver** Medal Mexican Chemistry Olympiad state phase (Jalisco) (2013, 2014).

**LEADERSHIP**

Volunteer Instructor in the educational robotics program, for children of low economic resources offered by Ciudad Guzman government.

Part of volleyball representative team of Zapotiltic High School (UDG). (2012, 2013, 2014, 2015).