# JorgeCarvajal

Computer Engineer


## contact

ID: 702230223
Marital status: single
Birthdate: 15/10/1993

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## technical skills

OS:
Windows, Linux

Languages:
C/C++, Python

Deep Learning:
Keras, Tensorflow

Data Analysis:
Jupyter notebook, Numpy, Pandas, Matplotlib

Other:
Git, LaTex, Vim

## summary


Analytical, dedicated, and responsible. Available to learn new skills and quickly start working with new technologies; highly cooperative with great interpersonal and team working abilities. Adaptable to any situation, especially if it requires critical decision making or working under pressure.

My objective is to work in a competitive environment on challenging and innovative assignments while receiving constant feedback and having opportunities for personal and professional development.


## education

2017–Now **Deep Learning Nanodegree** — Udacity
Four month term in progress

Jan 2018 **TOEFL IBT** - Score: 99 — ETS
Reading: 25, Listening: 25, Speaking: 23, Writing: 26

2011–2016 **Bachelor's Degree in Computer Engineering** — Costa Rica Institue of Technology
Graduate with honors. Score: 90.95

## experience

2017–Now **Software Engineer** — Hewlett Packard Enterprise
Software developer of the Halon Operating System, which is used for Aruba's first core switch (Aruba 8400). Participated in the implementation of features related to hight availability, linecard hotswap and multicast.

2016–2017 **Software Engineer Intern** — Hewlett Packard Enterprise
Non-cryptographic hashing algorithm evaluation for Halon Operating System in terms of processing speed, collision resistance and distribution in the available space.

2015–2016 **Student Exchange Program: Digital Integrated Circuits Course** — ITESM, Mexico
Design and development of a communication system that converts 8 bit parallel data into a syncronous serial signal. The project was implemented using LTSpice integrated with Electric VLSI and following the MOSIS submicron design rules to allow its further manufacturing process.

2015–2016 **Student Exchange Internship: Scaffold manufacturing for cell culture** — ITESM, Mexico
Integration of a programmable power source and positive displacement pump to the manufacturing process of 3D scaffolds for cellular culture. This required to understand the operation of the new equipment, design an interface that allows to control it using NI LabView and integrate the system in the production line.