Josue Kevin Fernandez Padilla

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Skills and qualifications

PROGRAMMING LANGUAGES

C	3 years of experience
C++	4 years of experience
Python	6 months of experience
Java	6 months of experience
.net	2 years of experience

Platforms: Windows XP/7/8 (User),Linux (User).

Languages: Spanish (Native)
English (B1 Level)

Webframeworks:
React   8 months experience.

Technology:
SQL(1 year), HTML(3 year), Servlets(1 year), Photoshop(7 year), MATLAB(2 year)

Education: 2017 –2021

Bachelor of Science in Computer Systems Engineering, Escuela Superior de Cómputo –Instituto Politécnico Nacional

- Active member of the algorithm's club of the institute.
- Active participation in the club of Security Informatics
- Represented the institution on multiple occasions at competitive programming contests.
- Represent the institute in a competitive programming contest at UNAM.
- *GPA 81/100*

2013-june 2016

Technical career Informatics Center of Scientific and Technological Studies #5–Instituto Politécnico Nacional

- Active participation in club to OMI competitive

Work experience

Intern IBM (2020 Dic. –2021 Dic)

- **working in software consulting activities, making functional technical designs, implementing, developing and presenting projects. through the method of agile development, and the framework design and thinking**.

Volunteer work

University club Professor | *Escuela Superior De Computo –México City.*

- **Basic Competitive Programming Course(**2019).:
  teach knowledge of data structures students very useful topics in computer sciences such as: algorithmic complexity, data structures, problem solving techniques and team strategies to crack hard problems that arise during competitive programming contests.

School project carried out by a SNI researcher Mexico city.

- **Felings of plants(**2019-Jan-Aug):
  Implement investigation about how to detect the feeling of the plants using a computer program develop a pattern recognition using Viola Jones algorithm to recognize the characteristics of the plants.
- **INTELLIGENT SYSTEM TO MANAGE THE RESOURCES AND EXAMS ASSIGNED DURING THE TEACHING-LEARNING PROCESS IN A VIRTUAL CLASSROOM(**2020-feb-jul.**)**: programming an educational tool that allows the university student to learn calculus in an interactive way.

Program at IBM

Advocates (2020):
during this program we learned IBM tools to be able to apply them to our projects, as well as to reinforce some soft skills such as teamwork.

Projects

Collaborative board:
lead and develop a web tool that would allow us to have an online whiteboard shared with others, as well as to be able to save the session for later use, using technologies such as React, nodejs, webpack, sevlets, togetherjs.

Facial recognition project, menu with voice:
lead and develop a web tool that allows us to have a voice-controlled menu followed by options such as "the game of life", facial recognition, among others, that allow the viewer to know the new technologies and how they work .

wards and Leadership

programming contests

-8th place at Donald Knuth contests in ESCOM_IPN
-13th place Club Pu++ contests in UNAM
-ACM ICPC México 2018 10th place of
ESCOM ACM ICPC México 2019
-top 50 on the omega up platform.
-Fourth place in the camp programming competition at ESCOM
-honorable mention in ICPC competition.
-2th place to ESCOM in Hack Defender

Courses

CLASSROOM COURSES

Diploma in "GBS Academy: Microservicios" endorsed by IBM GLOBAL BUSINESS SERVICES **ONLINE**

COURSES

- Diploma in "Tecnico en sistemas informaticos" endorsed by the **SEP**
- Diploma in "Tecnico en integridad web" endorsed by the **SEP**
- More than 20 online courses about various topics including algorithms, programming paradigms, c + + java, scrum, Linux, given by various universities with certificates of udemy.