Luis Esteban Serrano Bermúdez
Computer Engineer - Hardware Engineer

PERSONAL DATA

Born	February 19, 1992
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INTRODUCTION

I introduce myself, I am a student who is in the process of degree having concluded with the corresponding credits of the career I seek to start generating work experience in the area I studied and apply what I have learned over the time I spend as a fellow and as an engineering student.

In addition to my training in the faculty I have taken courses to expand my knowledge in different programming languages as well as different ways of visualizing a problem.

I look forward to having the opportunity to discuss this position and what I can do. If you need any additional information, feel free to contact me.

EDUCATION

Computer Engineer 2014-2020 (Graduate without title)

National Autonomus University of Mexico - Faculty of Engineering

- Specialty: Hardware Engineering

Courses and Seminars

- **Programming with C# intermediate level** July 22 - 26, 2019

  Computing Training program of the Civil Engineering and Geomatics Division, Facultad de Ingeniería UNAM.

  10 hour course.
  ID: F092019C069C0726

- **Latex general level** July 29 - august 2, 2019

  Computing Training program of the Civil Engineering and Geomatics Division, Facultad de Ingeniería UNAM.

  10 hour course.
  ID: F092019C084C0706

- **Matlab & Simulink Fundamentals**   January 13 - 17, 2020

  UNAM Student Branch of the Institute of Electronics of Electrical Engineers.

  20 hour course.
  ID: FII-EL-2020-C002-R025

- **Matlab & Simulink with applications in Digital Signal Processing and Control.**
            January 20 - 24, 2020

  UNAM Student Branch of the Institute of Electronics of Electrical Engineers.

  20 hour course.
  ID: FII-EL-2020-C005-R017

- **Introduction to Data Science with R**   March 7 - may 2, 2020

  Faculty of Engineering, UNAM

  48 hour course.

- **Complete Excel Online Course.**   November 1 - 5, 2020

  Udemy

  8 hour course.
  ID: UC-a46009ef-e220-471b-a1a6-da5a92526863.
  `www.udemy.com/certificate/UC-a46009ef-e220-471b-a1a6-da5a92526863`

- **The Complete Front-End Web Development Course!**   September 21 - november 8, 2020

  Impartido por: Udemy

  17 hour course.
  ID: UC-4c3b7d5d-03e3-4ecb-8ad1-229ea50b5a4c.
  `www.udemy.com/certificate/UC-4c3b7d5d-03e3-4ecb-8ad1-229ea50b5a4c/`

- **Introduction to programming with Python**   November 5 - 9, 2020

  Coursera

  17 hour course.
  ID: HKEEVSU5KJNE.
  `www.coursera.org/account/accomplishments/certificate/HKEEVSU5KJNE`

- **Data structures in Python**   November 9 - 18, 2020

  Coursera

  15 hour course.
  ID: 7HXJ98WUHZJH.
  `www.coursera.org/account/accomplishments/certificate/7HXJ98WUHZJH`

- **Object Oriented Programming with Python**   November 18 - 30, 2020

  Coursera

  9 hour course.
  ID: 8P6289HGBVLU.
  `www.coursera.org/account/accomplishments/certificate/8P6289HGBVLU`

- **Managing databases with Python**   November 30 - december 5, 2020

  Coursera

  16 hour course.
  ID: 56BD6M4EBRUR.
  `www.coursera.org/account/accomplishments/certificate/56BD6M4EBRUR`

- **Git for Developers Using Github**   December 1st, 2020

  Coursera

  ID: QVPSER5GA99V.
  `www.coursera.org/account/accomplishments/certificate/QVPSER5GA99V`

- **Technician in installation and repair of computer equipment** December 3rd, 2020
  Train for employment. Carlos Slim Foundation.
  ID: w4lmu59hr.
  `www.capacitateparaelempleo.org/verifica/w4lmu59hr/`

- **Technician in laptop repair** December 4, 2020
  Train for employment. Carlos Slim Foundation.
  ID: 6idky4b1f.
  `www.capacitateparaelempleo.org/verifica/6idky4b1f/`

- **Introduction to Economics** November 30, 2020
  Train for employment. Carlos Slim Foundation.
  ID: vf7e4ztnw.
  `www.capacitateparaelempleo.org/verifica/vf7e4ztnw/`

- **Economic Culture (Introduction)** December 2, 2020
  Train for employment. Carlos Slim Foundation.
  ID: 83yljvwa1.
  `www.capacitateparaelempleo.org/verifica/83yljvwa1/`

WORK EXPERIENCE

Sewing workshop assistant 2010 - 2016
Family business

- Part-time assistant in the repair of half-workshop sewing machines, order deliveries and material and sewing of straight machine and zigzag knee pads.

Firmware developer 2018 - 2020
Engineering Institute UNAM

- Wrote the code for update time of a microcontroller through sync with an NTP server.

- Developed an enhancement of a file storage system for a microcontroller on a micro SD card through SPI communication, with access to the files through a web page.

- Support with seismic signals sampling on a shaking table with microcontrollers and accelerometers through a personal computer on a network.

System Assistant 2020 - Now
Linoleums 21

- Administrator of Zafiro ERP software. Purchase, Sales and personal management.

- Sopport with inventories.

- Data backup management.

TECHNICAL SUMMARY

Languages	Spanish (native)
	English (intermediate, no certification)
Programming Languages	Latex, C, C++, C#, VHDL, HTML, Javascript, CSS, Java, MATLAB, R, Python, Git.

Software	Microsoft Office, Proteus, LabView
Soft skills	Teamwork Flexibility Adaptability Problem solving Responsibility Work Ethic
Skills	Carpenter, Electrician, Plumber and Mechanics Saavy.