David Martin Silva Cruz

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U.S. Visa & Passport

# PROFESSIONAL OBJECTIVE

Become a digital transformation leader by applying the skills and knowledge acquired during my academic and professional training in solving complex problems for IT industry innovation through coding, management, and emerging technologies.

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| **ACADEMIC CAREER**  National Autonomous University of Mexico Faculty of Engineering  Petroleum Engineering | **LANGUAGES**  English  TOEFL ITP Certification Score 560 of 660 |
| **SOFTWARE AND PROGRAMMING LANGUAGES**   * JavaScript *Intermediate* * HTML & CSS *Intermediate* * Git & GitHub *Intermediate* * Jira *Basic* * Cypress *Basic* * JMeter *Basic* * Postman *Intermediate* * SQL *Intermediate* * Node.js *Intermediate* * Docker *Basic* * AWS (ECR, ECS) *Basic* | **SOFT SKILLS**   * Adaptability * Communication * Critical Thinking * Organization * Teamwork * Leadership * Self-Learning * Time Management * Resilient |

# PROFESSIONAL WORK

**Software QA Engineer** at Omnitracs, September 2020 to date

- Creation and manual execution of test cases for web application  
- Understanding of the functional aspects of the client product  
- API testing with Postman  
- Knowledge in SQL to query databases and validate data  
- Test automation implementation with Cypress framework

**Front-End Developer Internship** at BBVA, November 2019 to September 2020

- Experience in Front-End technologies, Web Standards (JavaScript, HTML, CSS)  
- Web Components development with Polymer, LitElement and Cells frameworks  
- Unit Testing practice with Chai assertion library and Mocha framework to ensure code quality  
- Collaboration on projects based on Agile methodologies  
- Git workflow and Pull Requests mechanism application with Bitbucket

**Data Analyst** in Ultrasonic Pipeline Inspection at NDT Global, December 2017 to May 2019

- Identify and carry out complex and non-complex feature and anomaly recognition  
and classification to pipeline data  
- Correlations and pipe tally  
- Identify pipeline installations and appurtenances  
- Carry out in-line inspection data quality assessments

# BOOTCAMP

* Java Full-Stack Developer Bootcamp, Generation, September to November 2019

# DIPLOMAT

* Development of Directive Abilities, UNAM - Faculty of Engineering, November 2018 to May 2019

# CERTIFICATES

* QA Automation, Wizeline Academy, April 2021
* AWS Technical Essentials, Amazon Web Services, May 2020
* Scrum Developer, BBVA, January 2020
* Agile Fundamentals, BBVA, January 2020
* Design Thinking, Epic Lab - ITAM, September 2016
* Numerical Simulation of Naturally Fractured Reservoirs and Not Fractured Reservoirs with Surfactant Injection, PEMEX - Faculty de Chemistry, November 2015

# PROFESSIONAL PRACTICES

* In the Mexican Institute of Petroleum in Exploitation Solutions, January to May 2016

# COMPETITIONS

* 2nd Place in the *Innovation Summit*, national call to promote university entrepreneurship in the energy sector by the Federal Electricity Commission (CFE), August 2016
* Semifinalist at HackUNAM 2016, with the development of a mobile application for the adoption of cats and dogs in conditions of neglect and abuse, February 2016

# SCHOOLARSHIP

* “TrepCamp” Advanced Program for the development of high-impact entrepreneurs based in San Francisco State University, California, financed by Santander Bank and business accelerator Impulsa, July 2016

# VOLUNTEERING

* Host in the Structure of Matter (Physics) at the Museum of Science 'UNIVERSUM', July 2014 to January 2015