# Jean Pierre Pacheco Ávila
*Resume*

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## Education

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|---|---|
| 2011-2015 | **Computer Science Intern** , *School of Science, UNAM.* |

## Experience

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| 2017 - 2018 | Porfessional Software Developer. UNICOM. Electoral National Institute (INE) Mexico City |
| 2016 | Front-end Developer - Nativo Digital, Marketing Agency. Mexico City |
| + 2 years | Web Development, Web and Fron-end Technologies, Javascript, HTML5, CSS3, SQL |
| + 3 years | Object Oriented Programming, Java, Python, Javascript |

## Relevant Projects

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| Java, SQL Developer, Spring, Hibernate: | Active and direct participation on the design and development of the Distrital and Circumscriptions Computing System used for the Votes Computing and Results Distribution of the latest federal electoral process in Mexico (INE - 2018) |
| Java, SQL Developer, Spring, Hibernate: | Participation in the development of Minutes Registration System used in the latest federal electoral process in Mexico. (INE - 2018) |
| React - 2018 : | Collaborator in the Startup Planexer as Front-end Developer https://www.planexer.com/ |
| PHP, JS | Main Developer and Design Collaborator of the Videocine Site https://videocine.com.mx/ at Nativo Digital Marketing Agency (Mexico City) |
| C, C++ (Academic): | Compiler programming for a little Python subset. |
| Python (Academic): | Implementations for several numerical methods as roots aproximations, n x m equations systems resolution, derivation, integration and differential equations of first and second order. |
| C (Academic) : | Implementation of a little subsets of the HTTP and FTP protocols as part of the computer networking understanding. |
| Python (Academic): | Neighbor Joining Algorithm |
| Github Repository : | https://github.com/jpachecov?tab=repositories |

## Language

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| English : | Reading (Intermediate- Advanced). Speaking, writing and listening (Intermediate) |
| Spanish : | Native |

## Computing and Development abilities

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| Programming Languages: | Java, Javascript, Python, Node, C++, C and some others |
| DBMS: | SQLDeveloper, PostgresSQL, MySQL |
| Web Development: | Spring, Primefaces, Hibernate, ReactJS, AngularJS, NodeJS, Bootstrap, HTML5, CSS3, JQuery, Spring MVC |
| OS: | Linux, MacOS, Windows. |
| Collaboration: | SVN, Git protocol. Familiarized with the Gitflow Workflow and the basic use of Docker. I also know the basics of SCRUM methodology. |
| Intermediate: | Python, C, C++, MySQL, PostgresSQL, ReactJS, AngularJS |
| Intermediate - Advanced: | Data Structures and Algorithms, Java, OOP, Web Development, Functional Programming, Javascript, HTML5, CSS3, Front-end Development. SQL, PL/SQL. |

## About me

I like challenges and as a computer science intern I have a solid mathematical background to solve problems using a mathematical approach if is required. I've been working in diferent teams with different people, such as developers, engineers, designers, project leaders, etc, so I have an idea of how a good collaboration and constant communication is essential for the correct and successful project execution. I believe in the software power of change the world, I'd like to collaborate with people that believe in what they do just as me. I want to participate to get this world better, one step at the time.

## Lastest update

September 2018