Javier **Peralta**

SOFTWARE ENGINEER · ML ENTHUSIAST

Bellevue, Washington, US

✉ nottu1990@gmail.com | ⊙ nottu | ≜ nottu | ▣ jperalta90

Skills

Programming	· C# · Python · Java · JavaScript · Rust
Technologies	· .NET · Azure · SQL · PyTorch · NumPy · Linux · MacOs
Languages	· Spanish · English

Experience

Microsoft (Engineering Systems RnD)   *Redmond, Washington*

SOFTWARE ENGINEER   *Feb. 2020 - Present*

- Continuously improved internal tool for Open-Source Code detection in Inner-Source Code
- Designed automation to make OSS Detection tool an internal Engineering Systems service
- Sole developer in charge of ensuring our OSS Detection service was compliant with Service Health metrics
- Helped organization with migration to .NET 6.0 from NET Framework

Oracle Mexico Development Center   *Guadalajara, Mexico*

SOFTWARE ENGINEER   *Jul. 2015 - Apr. 2017*

- Web Developer for Oracle Management Cloud - Enterprise Manager
- Create, test and optimize data visualizations for Target-Analytics using internal web-framework based on Backbone.JS

Quadev (Startup)   *Cuernavaca, Mexico*

SOFTWARE DEVELOPER   *Aug. 2013 - Jun. 2015*

- Java EE Developer, creating *Rich Internet Applications* using Apache Flex for the Front-End
- Worked on application for SAGARPA (Mexican government dependency)
- Started the process to move projects to Java Spring

Education

CIMAT (Centro de Investigacion en Matematicas · Research Center in Mathematics)   *Guanajuato, Mexico*

M.S. IN COMPUTER SCIENCE   *Aug. 2017 - Dec. 2019*

- Got a Scholarship given through CONACYT
- Did not graduate · Unfinished Thesis
- Worked on finding **shape descriptors** for radio galaxies through classical statistical models and image analysis as well as through:
  - · Convolutional Neural Networks · Auto Encoders · GANs

ITESM (Instituto Tecnologico de Monterey · Technological Institute of Monterrey)   *Cuernavaca, Mexico*

B.S. IN COMPUTER SCIENCE AND ENGINEERING   *Mar. 2009 - Aug. 2013*

- Got a Scholarship given to students with high GPA

Projects

SKIVIEWMODS

A tool to add new sky surveys to **SkyView** by injecting new *ImageFactory* classes to the **SkyView** JAR