

# Javier Peralta

SOFTWARE ENGINEER · ML ENTHUSIAST

Bellevue, Washington, US

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## Skills

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

## Experience

### Microsoft (Engineering Systems RnD)

Redmond, Washington

SOFTWARE ENGINEER

Feb. 2020 - Present

- Continuously improved internal tool for OpenSource Code detection in InnerSource 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

### 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 TargetAnalytics

### Quadev (Startup)

Cuernavaca, Mexico

SOFTWARE DEVELOPER

Aug. 2013 - Jun. 2015

- Java EE Developer, creating *Rich Internet Applications* using Apache Flex
- Worked on application for SAGARPA (Mexican government dependency)

## Education

### CIMAT (Centro de Investigacion en Matematicas · Research Center in Mathematics)

Guanajuato, Mexico

M.S. IN COMPUTER SCIENCE

Aug. 2017 - Dec. 2020

- 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 Monterrey · Technological Institute of Monterrey)

Cuernavaca, Mexico

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Mar. 2010 - Aug. 2017

- 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