

# JORGE MONTAÑEZ-ROMÁN

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## EDUCATION

**Bachelor of Sciences in Computer Engineering, Dec 2011**

**University of Puerto Rico Mayagüez Campus**

**GPA: 3.70/4.0**

Significant Courses: Capstone, Programming Languages, Data Bases, Microprocessors Interfacing

## COMPUTER SKILLS

**Programming:** C, C#, Java, Javascript, SQL, Domain Specific Languages, Metadata Programming, Intentional Programming

**Standards:** SAML Protocol, WS-Trust, XmlDsig, XmlEnc

**Applications:** Docker, Visual Studio, Eclipse, Git

**Operating System:** Windows, Linux

**Database Systems:** Microsoft SQL Server, PostgreSQL, MySQL

## EXPERIENCE

**Allscripts, Raleigh, NC**

Dec 2014 – Present

Senior Software Engineer for Allscripts Shield Security Platform

- Developed websites and REST services for user identity proofing and enrollment
- Enhanced SOAP cloud services including prescription signing and authorization provider services
- Extended WPF two factor authentication native library
- Maintained on-premise software
- Mentored junior engineers on software development practices

**SAS Institute, Cary, NC**

May 2012 – April 2014

Development Tester for the Web Infrastructure Platform

- Performed functional testing of the Web Infrastructure Platform Services and Workflow
- Maintained Web Infrastructure Platform and Workflow testware
- Enhanced Distributed Process Software
- Developed automation scripts

**University of Puerto Rico, Mayaguez, PR**

August 2011 – Dec 2011

Project Manager for the project: Virtual Infrared Remote Control

- Developed software & hardware for the design of an assistive technology device
- Responsible for project direction and development

**Verizon Wireless, Warren, NJ**

June 2010 – August 2010

IT Computer Services & Support

- Supported functional enhancements to enterprise-wide middleware services

**University of Puerto Rico, Mayaguez, PR**

January 2008 – August 2008

Project Manager for the research titled: “Development of a Database for the University Institute for Community Development”

- Developed software for the implementation of a model-view-controller multitier architecture
- Responsible for project direction and development

**National Instruments**, Austin, TX

May – August 2007

Engineering Leadership Program Intern under the Applications Engineering Department

- Developed demo to showcase the release of the Statechart Module for LabVIEW 8.5
- Provided customer support for teaching and troubleshooting company software

**University of Pennsylvania**, Philadelphia, PA

June – August 2006

Summer Intern under The Leadership Alliance Summer Research Early Identification Program (SR-EIP), Linguistics Department

- Developed algorithms to improve existing speech recognition system

### **HONORS**

- Presented at the National Instruments Annual Conference, as part of the keynote, the Laser Statechart Demo
- Presented at the Leadership Alliance National Symposium the research study titled: “Robust Speech Processing for the Study of Prosody”
- Industrial Affiliates Program 2007 project prize winner: “Development of a Database for the University Institute for Community Development”

### **CERTIFICATES**

- Cryptography I by Stanford University on Coursera. Certificate earned at Saturday, September 2, 2017 12:51 PM GMT
- Cryptography by University of Maryland, College Park on Coursera. Certificate earned at Friday, December 30, 2016 5:22 PM GMT
- Machine Learning by Stanford University on Coursera. Certificate earned at Monday, December 5, 2016 11:10 AM GMT
- Neural Networks and Deep Learning by deeplearning.ai on Coursera. Certificate earned at Wednesday, February 28, 2018 5:15 AM GMT
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization by deeplearning.ai on Coursera. Certificate earned at Sunday, April 8, 2018 12:41 AM GMT