Alberto A. Pizano

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Motivated computer engineering graduate seeking full-time employment. Quick to adapt to any existing technology. Passionate about development, debugging and testing. Excellent interpersonal skills and adept at motivating self and others.

skills

C/C++	Java	SQL	Agile / Scrum
C#	JavaScript	HTML5	Git / TFS
VB.Net	Python	CSS3	Test Automation

education

Purdue University – Northwest *Expected Dec. 2019*
Bachelors of Science in Computer Engineering, Major GPA: 3.31
Minor in Computer Science

work

Applied Systems Inc *University Park, IL*
Software Development Intern *May 2019 – August 2019*
- Developed in .NET framework (VB.Net, C#, SQL) to repair approximately 100 client reported defects in production software.
- Designed robust coded UI automated tests during regression that tested functionality of production software, including user interface, while collaborating closely with Quality Analyst team.
- Utilized Team Foundation Server version control to aid in managing software development projects using Agile.
- Adhered Agile Scrum ideology by participating in daily stand up meetings, code reviews by over 30 developers, and participating in 2 week development sprints to improve risk control, cost, efficiency, and overall quality.

United States Steel Corporation *Portage, IN*
Intern - Computer Science, Programming, Cybersecurity *Fall 2018 – May 2019*
- Designed and developed upgrade to Overtime Equalization application used by over 5,000 hourly employees in C#/ASP.Net.
- Supported Plant Systems Quality and Test Tracking team by repairing bugs in software and logging workflow into project & portfolio management software.

projects

Deep Learning Neural Network for Chaotic Systems | Github *Spring 2019 – Present*
- Developed a neural network in Python utilizing PyTorch for localization and object detection of ball in roulette wheel.
- Assembled network to generate prediction of where roulette ball would land on wheel depending on initial conditions.

Exploring Attack & Defense Mechanisms in Android Systems | Github *Fall 2018 – Spring 2019*
- Developed cross-site script in JavaScript attack to demonstrate accessing confidential information in WebView attack.
- Designed repackaging attack using open source software to dissemble, inject malicious code, and release to unbeknownst users for download.

volunteer

Save the Dunes *Spring 2012 – Present*
Northwest Indiana Food Bank *Spring 2012 – Present*

awards

Semester Honors *Fall 2016 – Present*
Undergraduate Research Grant ($1100) *2012 – Present*
Indiana Space Grant Consortium ($500) *2018-2019*
Louis Stokes Alliances for Minority Participation Scholar ($1500) *2011*