Jhon Nunez

Software engineer

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EDUCATION

University of Illinois at Chicago
Bachelor of Science in Computer Science
August 2016 - May 2019

APPLICATIONS & PROJECTS

Smart Lock | C++ & Arduino
Designed and built a system that unlocks a door lock using a keypad, fingerprint scanner, and android application

Air Pollution Application | R & Shiny
Interactive web application that analyzes pollution data from the United States EPA

DNS Resolver | Python
Application that recursively talks to the global DNS to resolve domain names into IP

Pitch Application | Java & JavaFX
Card game application that allows users to play a game of high low jack versus the AI

Crime Analysis Application | C# & SQL
Application that analyzes real Chicago crime data posted by the city of Chicago
Can perform searches based on Chicago crimes and areas. Displays results on the GUI

Divvy Daily Ride Analysis Application | F#
Application that analyzes Chicago's Divvy bike customers and displays data

Multithreaded Elevator | C
Terminal Application of a multithreaded elevator that picks up and drops off passengers

WORK EXPERIENCE

Software Engineer Intern
GELBER GROUP | Proprietary Trading
August 2019 - Present
- Created a version monitoring web application that analyses system information and visually represents which applications are currently running which library versions
- Created a database auditor application that is used for detecting errors on the database. When an error is found, the application sends an alert email to its subscribers

Network and Systems Intern / IT Specialist Intern
JAMES MCHUGH CONSTRUCTION CO.
June 2014 - August 2018
- Built and configured over 1000 laptops, desktops, phones, printers and other user devices
- Troubleshooted PCs, servers, network, and software issues on users in the office and project sites
- Designed and Configured McHugh's new office infrastructure in Nashville, TN

SKILLS

Programming languages
Java, Python, C++, C, C#, F#, R, Shiny, HTML, CSS, SQL, JavaScript, Angular

Tools & Platforms
Git, Active Directory, VMware, Adobe Suite, AutoCAD, Sketch up, Revit, Atom, Dev-C++, RStudio, XCode, Visual Studios, Android Studios, Eclipse

Operating Systems
Windows, Linux, UNIX, macOS, IOS, Android

Languages
Fluent in Spanish

LEADERSHIP

Pathfinder Youth Director
South Shore SDA Church
January 2014 - Current

Audio Visual Director
South Shore SDA Church
January 2015 - December 2017

AWARDS

Chicago Architecture Foundation
2012 Design Winner
High School Competition

HOBBIES

Web developer | Created church page
Music | Trombone player in a jazz band
Marching | Drilling instructor
Solving puzzles | Rubik's cube
Baseball | 3rd base in High School
Camping | Primitive survival