

# Jhon Nunez

## Software engineer

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### EDUCATION

#### University of Illinois at Chicago

Bachelor of Science in Computer Science

Expected Graduation: 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

Terminal app that recursively talks to the global DNS to resolve domain names into IP addresses. The user enters a domain and the program outputs an IP address

#### Pitch Application | Java & JavaFX

Card game application that allows users to play a game of high low jack versus the AI

#### Netflix Application | C# & SQL

Application that accesses a Netflix database of movies, reviews, and users

Can perform searches based on movies, reviews or users. Displays results on the GUI

#### 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

#### Banking Application | C++

Application that displays customer bank transactions

Can deposit and withdraw customer funds and updates the customer accordingly

#### 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

#### 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

#### Tools & Platforms

Git, Active Directory, VMware, Adobe Suite, AutoCAD, 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

#### Music

Solving puzzles

Camping

Hiking

Swimming

Traveling