

# 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 - December 2019

- 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