

# Jonathan Gonzalez Delacruz

Recent Computer Science graduate with fundamental knowledge of software design, and development. Seeking for a role where I can grow and learn from experienced team members. I've been programming since I was 13 years old; I have 10+ years of self and college programming experience.



## Personal Information

**Date of birth:** 07/12/1997

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## Skills

### - PROGRAMMING LANGUAGES

Java  
**Professional**

C++  
**Junior**

JavaScript  
**Professional**

HTML  
**Professional**

CSS  
**Professional**

Spring Boot  
**Professional**

Node.js  
**Junior**

Express.js  
**Junior**

### - TECHNOLOGIES, PROGRAMS, & OTHER

MongoDB  
**Professional**

Git  
**Junior**

Agile Methodology  
**Junior**

Android Studio  
**Junior**

PSQL  
**Junior**

Microsoft Office  
**Professional**

CPR & AED Training  
**Professional**

### - LANGUAGE

English  
**Professional**

Spanish  
**Native**



## Education

### Computer Science | Bachelor of Science National University

04/2016 – 04/2021 SAN DIEGO, UNITED STATES

- While enrolled in the graduate program at National University, I learned many new skills to prepare me for the industry. During that time, I was involved in many projects that involved using C++, Java JavaScript, HTML, CSS, Node.js, MongoDB, SQL, and SCRUM agile methodology. Not only did I learn new skills but I was taught many fundamentals, and theories involving computer levels.



## Certificates

### **MongoDB for Java Developers** **MongoDB University**

11/2021

[www.jonathangonzalez.tech/mongodb](http://www.jonathangonzalez.tech/mongodb)

Task Completed Include:

1. Implemented the application communication with MongoDB.
2. Read and wrote data to the database, used the aggregation framework, managed the configuration of the database client, and created a robust application by handling exceptions and timeouts.
3. Implemented basic functionality to the Mflix Application.
4. Implemented security practices.

### **JPMorgan Chase & Co Virtual Experience** **with Forage**

10/2021

[www.jonathangonzalez.tech/jpmorgan](http://www.jonathangonzalez.tech/jpmorgan)

Tasks Completed include:

1. Implemented an interface with a price data feed and set up a system for the analysis of data.
2. Implemented framework and tools in preparation for data visualization.
3. Implemented data visually for traders and used a framework to create the chart for trader's dashboards.


### **Goldman Sachs Engineering Virtual Program** **with Forage**

10/2021

[www.jonathangonzalez.tech/goldmansachs](http://www.jonathangonzalez.tech/goldmansachs)

Task Completed Include:

1. Assessed the vulnerability of the hashed passwords and gave recommendations of password security encryption
2. Cracked the hashed passwords and determined their secure hash algorithm encryption method



## Work experience

### **Internship** **UCSD Hillcrest Hospital**

07/2014 – 09/2015 SAN DIEGO, CA, UNITED STATES

- Youngest to be hired and complete Hillcrest Internship Program.
- Assisted medical staff in patient assessment and collecting records.
- Delivered samples, data, and medication to all facilities in the hospital.
- Communicated with patients providing hospitality and assistance in various task.

### **Sales/retail** **AutoZone**

09/2015 – 10/2016 SAN DIEGO, UNITED STATES

- Ability to work in a fast-paced and labor intensive environment.
- Assisted in customer support, providing various options of diagnosing and resolving mechanical problems.
- Maintained highest sales & hitting targets month after month in promotional sales.



## Projects

### **User Management App**

<https://github.com/Gjonathan252/User-Manager-Application>

A full-stack application created to manage users on a site. From storing, creating, editing, and deleting from a database to keep a list of users' information ready at

any time.

Languages, Technologies, and tools used: [Java](#), [Spring Boot](#), [Maven](#), [Git](#), [PSQL](#), [Angular](#), [HTML](#), [CSS](#).

### **Restaurant Reservation System for COVID**

<https://github.com/Gjonathan252/Team-Salesforce>

Restaurant Reservation System for COVID project was created to help restaurant with the COVID-19 state restrictions. Staff can control and monitor seating restriction, reservations, and orders placed.

Languages, Technologies, and tools used: [JavaScript](#), [Node.js](#), [Restful API's](#), [MongoDB](#), [HTML](#), [CSS](#), [SCRUM Agile process](#), [Git](#).



## Projects

### **AutoShop Database**

<https://github.com/Gjonathan252/AutoPart-Java-Database-w-MongoDB>

Auto Shop Database is a inventory management database used for storing, searching, and keeping track of all car parts and their store location.

Languages, Technologies, and tools used: [Java](#), [MongoDB](#), [Maven](#).

### **Excel-Bank Management w/Java**

<https://github.com/Gjonathan252/Excel-Bank-Management-Java>

This is a bank management excel application that is managed using Java programming. Reading and writing methods to the excel file are all done through the command line. All functions are done using Java Apache Poi dependency.

Languages, Technologies, and tools used: [Java](#), [Maven](#), [Git](#)



## Hobbies



Astronomy



i Racing



Power Lifting



Boxing



3d Animation