

Diego Simonelli

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EDUCATION

Santa Fe College, Gainesville, FL
Associate Degree in Computer Science

Graduated on Apr 2017
GPA: 3.16/4.0

University of Florida, Gainesville, FL
Bachelor of Science, Computer Science

Expected graduation, December 2020
GPA: 3.11/4.0

Relevant Course Work: Data Structures, Software Engineering, Operating Systems, Computer Organization, Application for Discrete Structures, Databases, Computational Numerical Analysis, Linear Algebra.

- Member of the Golden Key International Honor Society.
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NOTABLE PROJECTS

- Developed a personal website for my portfolio using React JS, Node JS, CSS, and other frameworks. It is hosted on diegosimonelli.com
 - Developed a website for a client. People can register and add information to it. I worked with a team at back end and front end using React JS, Node JS, MongoDB and GitHub.
 - Developed a 2D game in UNITY. I created all the animations and scripting. I uploaded my game on: <https://simmer.io/@diegosimonelli/dark>
 - Developed a Blackjack game in JAVA where the player must beat a bot dealer. Fully playable in command line.
 - Developed a Pokedex application in JAVA that stores new Pokemons encountered, shows stats, evolves them generating new stats and sort names. Fully playable in command line.
 - Developed a Character frequency count project in JAVA that read in textual input from the user, analyze the frequency of each and output a sorted representation of the string to the user.
 - Learned artificial intelligence programming using JAVA which included predicting behaviors by using Robocode and a high scoring A.I. for Pacman.
 - Developed multiple projects editing the kernel of the Android Operating System, such as System Calls.
 - Developed a 24-bit Image Editor in C++.
 - Developed multiples projects with Assembly Language ARM using a Firefly on Ubuntu.
 - Developed multiples projects using C++ and Java.
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WORK EXPERIENCE

SOFTWARE ENGINEER at:

Macy's Technology 2020 Internship Program (*cancelled due COVID-19*), Johns Creek, GA. May 2020 - July 2020

TRAINEE SUPERVISOR AND COSTUMER SERVICE at:

Pollo Tropical, Gainesville, FL. September 2018 - April 2019

- Labored alongside managers to lead 20 employees.

GENERAL MANAGER at:

4D Gelateria, Doral, FL. Apr 2017 - Sep 2017

- Answer customers' questions about products, prices, availability, product uses, and credit terms.
 - Maintain customer records, using automated systems.
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SKILLS

- Proficiency in Java, JavaScript, React, C, C++, OOP, React JS, Node JS, MongoDB, GitHub, Agile Methodologies, Scrum, MySQL, R, MS Exchange, Microsoft Office, Data Structures, Computer Organization.
- Proficiency working on PowerShell, Command Prompt and Terminal.
- Bilingual ability: Spanish (Native), English (Fluent).