

# Diego Simonelli

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## EDUCATION

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

Graduated on December 2020  
GPA: 3.2/4.0

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

Graduated on April 2017  
GPA: 3.16/4.0

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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## TECHNICAL SKILLS

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|------------------------|--|
| Programming Languages: | Java, Python, JavaScript (React)/HTML/CSS, C++, MongoDB, SQL |
| Operating Systems:     | Windows, MacOS, Linux  |
| Technical Tools:       | Git, Figma, Photoshop, Microsoft Office                      |
| Other Skills:          | Bilingual (English, Spanish)                                 |

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## NOTABLE PROJECTS

- Developed a personal website for my portfolio using JavaScript (React), HTML, CSS, jQuery, and other frameworks. It is hosted on [diegosimonelli.com](https://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 JavaScript (React), NodeJS, MongoDB, and GitHub.
  - 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 a 2D game in UNITY. I created all the animations and scripting (C#). I uploaded my game on: <https://simmer.io/@diegosimonelli/dark>
  - Developed multiple projects editing the kernel of the Android Operating System, such as System Calls.
  - Developed multiples projects with Assembly Language ARM using a Firefly on Ubuntu.
  - Developed multiples projects using C++ and Java.
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## EXPERIENCE

### SOFTWARE ENGINEER at:

Macy's Technology 2020 Internship Program (*canceled due to 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 a manager to lead 15 employees.
- Answered and helped customers with questions about products, prices, and availability.

### GENERAL MANAGER at:

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

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