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# JORGE ALBERTO VILLARREAL GONGORA

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Portfolios: <https://jorge-villarreal.herokuapp.com/> <https://github.com/Tronax1>

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## PROFESSIONAL SUMMARY

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Talented Computer Engineer with a strong background in object oriented programming and web development

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## EDUCATION

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**Bachelor of Science:** Computer Engineering  
University of South Florida - Tampa, FL, United States

08/2014 to 12/2019

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## PROJECTS

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**Senior Project:** A full stack web application that allows a user to compare a set of ChangeGear tickets using a Likert scale. (**React, Redux, MongoDB, REST API**).

**Money Manager:** A finance web application that tracks user expenses and calculates whether the user can afford a mortgage or not. (**React, Redux, Firebase**)

**Aldebaran:** A bot application that connects to a Discord server and plays music from YouTube, and defines words such as a dictionary. (**Node, Amazon Web Services EC2, YouTube API**)

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## LEADERSHIP

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**USF Chess Club President**

08/2016 to 03/2017

- Organized local chess tournaments
- Administrated the club's resources that included all the boards, clocks and tournament budget

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## WORK HISTORY

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**Programming Tutor,**  
Colegio Albania – Mushaisa, La Guajira

05/2017 to 08/2017

- Collaborated with a team of faculty to develop after-school tutorial programs for students in need of extra help
- Met with parents to resolve conflicting educational priorities and issues
- Designed a summer boot-camp to teach JavaScript and C++ to students

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## SKILLS

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|----------------------------|--|------------|
| • JavaScript (Node, React) | • Bilingual: English (Fluent) and Spanish (Native) | • Redux    |
| • Java, C/C++              | • Amazon Web Services EC2                          | • Firebase |
| • Unix/Linux               | • HTML5 and CSS                                    | • MongoDB  |
|                            |  | • REST API |

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## ACCOMPLISHMENTS

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- Taekwondo Black Belt