

# Juan Carrillo

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## UNIVERSITY OF SOUTH FLORIDA

Tampa, FL  
January 2015 – December 2017

## EXZEO DEVELOPER INTERN

Tampa, FL  
May 2016 – Present

## COKE LAUNCHPAD

Arduino, C#  
January 2016 – February 2016

## BUDGET CALCULATOR

Java  
June 2015 – July 2015

## LANGUAGES

## FRAMEWORKS/LIBS

## DATABASE SYSTEMS

## THETA TAU

Project Management Chair  
January 2016 – May 2016

## MECH

Quadruped Project Team  
January 2016 – May 2016

## EDUCATION

Bachelor of Science in Computer Science  
Bachelor of Science in Computer Engineering  
Overall GPA: 3.71

Major GPA: 3.69

Relevant Coursework: Data Structures, Analysis of Algorithms, Intro to Artificial Intelligence, Digital Logic Design

## EXPERIENCE

- Involved in developing and maintaining features for various client and server applications, including TypTap.com and Atlas Viewer, using Agile methods.
- Developing UI pages for various apps using HTML, CSS, JavaScript, JQuery, React, and Angular.
- Developing features, writing unit tests, maintaining the RESTful Node.js APIs used by TypTap.com and Atlas Viewer.
- Worked with Business Analysts, dev team from HCI Group, and team overseas to develop push notifications endpoints to be used by TypTap native apps, as well as development of an in-house UI for broadcasting notifications during emergencies.

## PROJECTS

- Collaborated with in a team of 5 to design and implement a sound board using an Arduino MEGA microcontroller and aluminum soda cans.
- Developed a C# program that read the serial output sent back from the Arduino.
- Worked with a team of 3 to design a standalone program that would take in monthly expenses and an initial budget, then output totals and advice regarding how to move forward with your budget.
- Developed the GUI using the Swing widget toolkit.

## SKILLS

- JavaScript, C++, C#
- Node.js, Express, React, Redux, JQuery, Mocha
- MongoDB

## MEMBERSHIPS AND ACTIVITIES

- Responsible for member involvement in projects throughout the semester.
- Led the Coke Launchpad project, which was presented at the USF Engineering EXPO, where it was received extremely well.
- Developed the code for the quadruped that was presented at the USF Engineering EXPO and at a project display for the university.