

# Carlos Saucedo

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Driven Computer Science Major at a highly competitive university, with extensive leadership, graphic design, and STEM expertise seeking to provide world-class programming, IT capabilities, and graphic design.

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## Skills

- Java, JavaScript, HTML, CSS, and Bash
  - Git and GitHub
  - Adobe Photoshop, Illustrator, Premiere, and After Effects
  - Microsoft Word, Excel, and PowerPoint
  - WordPress
  - Language Proficiency Levels:
    - Spanish: Native Speaker
    - English: Fluent
    - French: Professional
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## Experience

JUNE 2018 – AUGUST 2018

### **Software Development Intern / Corporativo Zell, Guadalajara, Jalisco, Mexico**

*Fintech and Financial Service Provider headquartered in Guadalajara, Mexico.*

- Assisted in the planning, development, and implementation of various fintech services and products.
- Aided in the deployment of a consumer-side web application, as well as various backend algorithms using Visual Basic .NET and SQL databases that make up a part of the services that Zell offers today.

JUNE 2015

### **Electronics Assembly Intern / Resser GPS, Guadalajara, Jalisco, Mexico**

*Security Systems Manufacturer headquartered in Guadalajara, Mexico.*

- Assisted in the assembly and manufacturing process of newly-developed electronic GPS Security Systems.
  - Assembled, soldered, and performed quality control of dozens of custom-printed PCB boards.
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## Education

MAY 2018 - PRESENT

### **BS in Computer Science / Florida State University, Tallahassee FL**

- Computer Science student seeking a Bachelor of Science degree at a nationally-acclaimed university in Computer Science/STEM.

AUGUST 2014 – MAY 2018

### **High School / Blessed Trinity Catholic High School, Roswell GA**

*National Blue Ribbon Award High School.*

- Honors student. Achieved a 90.66 cumulative GPA and a 3.56 GPA from 9-11th grades.
- Took rigorous courses, including 10 college-level courses such as AP Physics, AP Computer Science, AP English Language, and AP Comparative Government and Politics.
- Programming team leader, graphic design manager, and team photographer for the school's Hyperion Robotics team, a FIRST robotics team with international presence, achieving 5th place in a division in the Houston World Championship in 2016.

- Co-leader for the school's sports broadcasting team, achieving an Elite High School status awarded to the best 50 broadcasting programs in the country.
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## Projects

APRIL 2018 - PRESENT

### **Rikka-Bot / Discord Python Bot**

*Chatbot and moderation bot currently employed by over 63,000 Discord users worldwide.*

- Designed, programmed, and currently hosts the project, leading a team of 4 members on the development team.
- Integrated the Discord API, Gizooogle.net API, Google Translate API, and CleverBot.io API to process and create intelligent responses based on user need, including language translation, moderation, and miscellaneous fun commands.

APRIL 2018 - PRESENT

### **Gizooogle-Bot / Twitter Python Bot**

*Twitter bot that processes tweets and "translates" them using the Gizooogle API.*

- Designed, built and programmed the bot from concept to implementation, now hosting it on the international Twitter network.
- Integrated the Twitter API and Gizooogle.net API to "translate" tweets and reply with the translation to the user.

MARCH 2018 – APRIL 2018

### **Hyperion FRC Robot / Robot code for Hyperion, 2018**

*Robot code that includes actuating various solenoids, motors, and encoders, to carry out actions both autonomously and via human controls.*

- Designed and implemented the working version of the robot code.
- Led a team of 5 developers on the programming team, including pseudocoders and debuggers.
- Developed an advanced autonomous system that reads data from the playing field, assesses its current position, and picks up and places a milk crate into a platform that is randomly chosen at the beginning of the match.

MAY 2015 – MARCH 2018

### **AutoAircrack / Bash Penetration Testing Program**

*Bash program that automates and speeds up the use of the popular penetration-testing program suite, aircrack-ng, to test and challenge the security of wireless networks, in a home and enterprise setting.*

- Integrated the environments of airodump-ng, aireplay-ng, and aircrack-ng, in a customized and graphical user-friendly interface.
  - Designed, coded, and deployed the program to test the security of several home and enterprise networks.
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## Activities

- Active Mentor and Volunteer for 3 high school robotics teams, including FRC team #4516, Hyperion, and two other FTC teams, all members of an internationally-recognized organization promoting STEM education for students around the world. Mentors a team of over 60 High School students, teaching them important skills in leadership, teamwork, professionalism, and programming development abilities.
- Mentor of my high school's Broadcast Team, a nationally-acclaimed Elite Broadcasting Team.
- Avid Helmsman and Assistant Captain for Amazing Grace, a 38' sailboat making international trips around the Caribbean. Certified by the American Sailing Association.
- Certified diver, having gained the PADI Open Water Certification.
- Hobbyist photographer, with several years of experience and pictures from several countries and continents around the world.

## References

### **Kristy Giacomelli / Five Guys Burgers and Fries**

- General Manager for the Roswell location of Five Guys Burgers and Fries.
- Phone – (678) 830-3784

### **Laura Colombo / Five Guys Burgers and Fries**

- Assistant Manager for the Roswell location of Five Guys Burgers and Fries.
- Phone – (404) 354-0862

### **Brent Hollers / Blessed Trinity Catholic High School**

- Former teacher and fellow Mentor for Blessed Trinity's Robotics Team.
- Phone – (404) 227-1778