

# Carlos Saucedo

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Driven Computer Science major at a highly competitive university, with extensive software development, leadership, graphic design, and STEM expertise seeking to share my experience and problem-solving skills through a summer internship.

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## Skills

- Java, C++, Python, JavaScript, HTML, CSS, Bash, and Visual Basic.
- MSSQL and MySQL.
- 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

AUGUST 2018 - PRESENT

### **Creative Operations Lead / Software Engineering Daily**

*Software Engineering Podcast, community, and media hub with over 60,000 worldwide listeners.*

- Handles day-to-day publication operations for the Software Engineering Daily Podcast, as well as sister podcast Fintech Daily, including managing the WordPress, outsourcing and managing projects, and publicizing episodes and posts on social media.
- Builds and collaborates on workflows to make routine work more streamlined and efficient, from start to finish.

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.
- Developed an advanced, cross-platform cybersecurity app that enables Zell customers to use two-factor authentication to log into sensitive web portals, employing server-side ASP.NET and client-side JavaScript, HTML, and CSS, while interfacing with existing SQL database servers.

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 with concentrations in Mathematics and Physics at a nationally-acclaimed university in Computer Science / STEM.
- Active member of the ACM @ FSU, Cybersecurity Club, and HackFSU.

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.
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## **Projects**

APRIL 2018 - PRESENT

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

*Chatbot and moderation bot currently employed by over 83,000 Discord users worldwide.*

- Designed, programmed, and currently hosts the project, leading a team of 4 members on the development team.
- Integrated the Discord API, WolframAlpha API, Gizoogole.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.

JUNE 2018 – AUGUST 2018

### **PDF\_Parser / VB .NET PDF Document Joiner**

*Visual Basic .NET program that joins images and PDFs into a single PDF document, optionally with SQL Databases.*

- Designed, built and programmed the program from concept to implementation, a version of which is being used today in the fintech industry.
- Implemented the PDFSharp .NET library into a Visual Basic application that queries SQL databases to process and convert documents into a PDF document of various shapes and sizes.

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.

## References

### **Jeffrey Meyerson / Software Engineering Daily**

- Host and Founder of Software Engineering Daily
- Working directly under him during my work at SE Daily.
- Email– [jeff@softwareengineeringdaily.com](mailto:jeff@softwareengineeringdaily.com)
- Phone – +1 (512) 217-0273

### **Alejandro Moragrega / Corporativo Zell**

- IT Executive and co-founder of Corporativo Zell.
- Worked directly under him during my internship at Corporativo Zell.
- Email (English or Spanish) – [alex@zell.mx](mailto:alex@zell.mx)
- Office Contact (Spanish-speaking secretary) – +52 (33) 3642 3100

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

- General Manager for the Roswell location of Five Guys Burgers and Fries.
- Worked directly under her during my work at Five Guys.
- Phone – +1 (678) 830-3784