Carlos Saucedo

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Skills

- Java, C++, Python, JavaScript/TypeScript, HTML, CSS, Bash, and Visual Basic
- Mobile App Development (Apache Cordova, Ionic)
- Website Management (WordPress, Jekyll)
- Database Management (MSSQL and MySQL)
- Version Control Systems (Git and GitHub)
- Social Media Management (Buffer, Google Analytics, TweetDeck)

- Adobe Photoshop, Illustrator, Premiere, and After Effects
- Microsoft Word, Excel, and PowerPoint
- Language Proficiency Levels:
  - Spanish: Native Speaker
  - English: Fluent
  - French: Professional

Experience

SEPTEMBER 2019 – PRESENT

Software Engineer / Grainhouse, LLC

Smart Sourcing Company headquartered in Tallahassee, FL.

- Develops and works as the founding engineer for Hire Wells, a smart talent, vendor, supplier, and contractor sourcing chatbot deployed to Slack and Microsoft Teams that simplifies the sourcing process for companies of all sizes.
- Created and maintains a tech stack consisting of AWS servers, Python backend, JavaScript and HTML frontend, as well as Intercom, Slack, and Microsoft Teams APIs to create a streamlined, cross-platform experience.
- Employed cutting-edge Slack experiences, such as Block Kit and modals to simplify the requisition process.

MAY 2019 – AUGUST 2019

Engineering/Web Intern / CPS Products, Inc.

HVAC/R Smart Tools Company headquartered in Miramar, FL.

- Developed an advanced, cross-platform IoT consumer app that enables BLE connectivity with smart devices, employing Apache Cordova, Ionic, and TypeScript technologies to create native experiences on Android and iOS.
- Developed CDN and cache protocols and more efficiency measures on the CPS USA, Europe, and Australia WordPress sites to increase the PageSpeed Insight score by more than 50% on each site.

AUGUST 2018 – FEBRUARY 2019

Creative Operations Lead / Software Engineering Daily

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

- Handled everyday operations for Software Engineering Daily and Fintech Daily podcasts, including social media management, WordPress management, graphic design, quality control, community engagement, and problem-solving.
- Built and collaborated 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.

Education

MAY 2018 – MAY 2021 (EXPECTED)

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.

Projects

OCTOBER 2019 - PRESENT

Calbot / Intelligent Nutrition Tracker – HackFSU 2019 First Place Winner

Nutrition tracker that keeps track of intake through the latest in Computer Vision and artificial intelligence.

- Designed and led a team of 3 developers in creating an advanced, cross-platform chatbot assistant that simplifies the nutrition tracking experience by offering a seamless experience using the most popular conversational clients.
- Employed the Google Cloud Computer Vision API to identify food in an image and used the WolframAlpha knowledgebase API to query for nutrition information and logs and tracks them in an SQL database.

APRIL 2018 - PRESENT

Rikka-Bot / Discord Python Bot

Chatbot and moderation bot currently employed by over 145,000 Discord users worldwide.

- Designed, programmed, and hosts the project, and leads a team of 4 members on the development team.
- Integrated an advanced SQL server, as well as the Discord API, WolframAlpha API, Gizoogle.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.

JANUARY 2019 - PRESENT

Dirac_AI / Python AI Chatbot

Advanced Artificial Intelligence chatbot with a web and backend interface.

- Designed, implemented, and hosts the project, and leads a team of 4 members on the development team.
- Created a recursive neural network self-learning system that improves based on user input.
- Designed an adaptable, modular bot able to be implemented into many different applications across the stack.

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.

Activities

MAY 2018 – PRESENT

Robotics Mentor / FIRST Robotics Mentor

- 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.
- Worked directly under him during my work at SE Daily.
- Email– 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
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