

Salvador Aleguas

OPEN-SOURCE DEVELOPER

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Education

Salvador Aleguas is a highly motivated open-source developer and writer who is passionate about anything computer related. He specializes in Python, Data Science, and documentation. His skill set also includes high-level proficiency in a variety of other topics, such as Cybersecurity and Databases.

Skills

Languages Python, Java, JavaScript, C++

Concepts Data Science, Machine Learning, Documentation, Fullstack development, Cybersecurity, Databases, Functional Programming, Object-Oriented Programming

Frameworks Django, Jekyll, Vue.js

Projects

context_menu

[GitHub](#)

DEVELOPER

June 8, 2020

- First Python Library to create cross-platform context menus.
- Heavily uses **meta-programming**, **object-oriented programming**, and **data structures**.
- **Over 200 stars** on GitHub repository
- Automatic documentation building with **sphinx** as well as unit tests deployed with **travis-ci**.
- Distributed and updated on Python's package manager.

Freshen

[GitHub](#)

DEVELOPER

December 29, 2019

- A file sorter that adds itself to the Windows Context Menu for convenience.
- Directly modifies the **Windows Registry** to change the Context Menu.
- Published an article on how to create cascading context menus to solve similar problems.
- Highly Documented

Django Point System

[GitHub](#)

DEVELOPER

November 7, 2019

- A point/attendance system created in **Django** that tracks participation in an organization
- Uses **QR codes** and **query strings** with meeting keys and IDs to track points.
- All point entries are historically available and linked to meetings to prevent abuse.
- Front-end uses libraries such as **popper.js**, **jQuery**, and **particles.js**

Pinnacle Grade Book Calculator

[GitHub](#)

MAIN DEVELOPER

May 14, 2019

- A **Google Chrome extension** that allows client-side grade manipulation to calculate and analyze grades.
- Works for the Broward County Public Schools(BCPS) online grade book.
- Collaborated with another developer to create and publish.

Experience

Medium & GitHub

[Online](#)

WRITINGS

January 1st - PRESENT

- Multiple articles published on **Medium**.
- Extensive documentation written for many **open-source** projects.

Computer Science & Others

[All Over Florida](#)

COMPETITIONS

August 2018 - PRESENT

- 1st Place award in the "Code for Humanity" category for the Musthacks Hackathon.
- 2nd Place award for the **Lockheed Martin** CyberQuest competition.
- 7th Place in for the **UCF** Competitive Programming State Championship.

Cypress Bay High School

[Weston, Florida](#)

PRESIDENT OF COMPUTER SCIENCE

August 2019 - June 2020

- Manager and organizer of competitive programming travel teams.
- Worked with the school system with various projects.