Isaac Bautista

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Education

University of Texas at El Paso | College of Engineering   El Paso, TX
MS in Computer Science | GPA 3.83   Expected May, 2021

Columbia University | Columbia College   New York, NY
BA in Astrophysics   Graduated May, 2018

Skills

Programming Skills: Python, Django, Flask, Java, MATLAB, HTML, CSS, PHP, JS, Bash, Git, Linux
Languages: Spanish (native)

Projects & Experience

Hunt Institute for Global Competitiveness   El Paso, TX
Full-Stack Engineer   September 2020 - present
- Increased data retrieval speed by writing custom APIs for downloading data from the US Census and the Bureau of Labor Statistics
- Worked on increasing front-end usability of in-house data visualization tools by conducting UI usability tests

WebsiteHoldings.net   El Paso, TX
Full-Stack Engineer   July 2019 - present
- Decreased time to update client information by a factor of 10, as measured by employee task times, by moving company data from spreadsheets to SQL and integrating with PHP
- Decreased website deployment time to company servers by a factor of 10, as measured by employee task times, by automating deployment with Python and bash scripts
- Increased website speed and usability, as measured by user feedback, by designing usability tests and building a responsive front-end with HTML5/CSS/JavaScript

BanditBots.com   El Paso, TX
Founder   November 2018 – June 2019
- Decreased real estate lead generation time for investors and wholesalers by automation, using a Python/Django back-end hosted on Google Cloud
- Increased lead success probability, as measured by customer feedback, by writing a custom Python API that uses public records to identify high probability leads

Activities and Awards

Gates Millennium Scholarship   April 2014