

Cesar Augusto Martinez Auquilla

841 Flagler Drive, Gaithersburg, 20878, Maryland

Phone: 202 306 2469 (Mobil) E-mail: cesaguma@hotmail.com

LinkedIn: [linkedin.com/in/cesar-augusto-martinez-auquilla-03934a16b](https://www.linkedin.com/in/cesar-augusto-martinez-auquilla-03934a16b)

GitHub: <https://github.com/CesarAugustoMartinez>

Portfolio: <https://cesaraugustomartinez.github.io/Portfolio/>

Full-Stack Web Developer with a Bachelor's degree in Systems Engineering and a proven database and GIS background.

Full-Stack Web Developer with a Bachelor's degree in Systems Engineering and a proven database and GIS background. A graduate of Johns Hopkins University with a certificate in Full Stack Web Development expanding on programming languages and technologies like HTML, CSS, JavaScript, C++, PHP, and databases as Oracle, MySQL, and Access. Ability to solve complex problems and track record as a General Manager and Co-owner of Msportswear. Demonstrated experience managing projects for IT systems and manufacturing processes using the latest technologies in this area.

A penchant professional with an aptitude to work independently and collaboratively to drive feasible outcomes under pressure. Looking to leverage web development and database; to create intuitive apps to help people and improve systems. Education and Experience

Technical Skills

- **Databases:** Oracle, MySQL, Access, SQL Server.
- **Developer Programs:** Oracle JDeveloper 11g, Visual Basic 6.0, ASP.NET (Web Forms, MVC), Visual C++, Dreamweaver, Oracle Forms, MySQL Workbench, Data Warehouse, NetLogo 4.1.3, Node Js.
- **Geographic Information Systems:** Arcgis 9.3, Arcgis 10.0, ArcScene 10.0, ENVI, IDRISI SELVA
- **Programming Languages:** Java, C++, HTML5, PHP, BASIC, JavaScript, jQuery.
- **CSS Frameworks:** Bootstrap, Materialize.
- **Networking Protocols:** DNS, DHCP, HTTP, OSPF, EIGRP, TFTP, Frame Relay, ATM2
- **Operating Systems:** Windows, Linux, MAC OS

Projects

Trail Mixer

GitHub: <https://lucasbryg.github.io/Group-Project-1/>

Deployed Project: <https://github.com/lucasBRYG/Group-Project-1>

The goal of this project was the creation of a web application where hiking, biking, running, and ski trails info can be found nearby user's location. The user can explore new trails as well as get a general idea of what the trail entails.

In charge of the complete back-end and front-end development to gather all data from third party APIs and display the most accurate data search for final user.

Technologies

- Html5
- jQuery

- Visual Studio Code
- Materialize Framework
- Open Weather API
- Hiking Project API

Education and Experience

John Hopkins University , Baltimore, MD

Bootcamp Certificate, A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handelbars.js & ReactJS.

Montgomery College, Maryland – United States

Cisco CCNA Certification, December 2019, Cisco CCNA Routing and Switching.

University of Azuay, Cuenca - Ecuador 2011: Bachelors - Information Systems Engineering US Degree equivalence evaluation from WES available upon request

Most Important Projects

- Created Web-based application for the administrative control of a sports academy (The Inline Speed Skating Federation of Azuay, an Ecuadorian province)
 - Database: **MySQL**
 - Programming Language: **Oracle JDeveloper 11g**
 - This application was the final Project for graduation in Information Systems Engineering
 - Received perfect score for this final Project from the faculty
- Created Information Management System for the Water Utility in Cuenca, Ecuador
 - Database: **MySQL**
 - Programming Language: **PHP**

Technologies and Systems

- **Databases:** Oracle, MySQL, Access, SQL Server.
- **Developer Programs:** Oracle JDeveloper 11g, Visual Basic 6.0, ASP.NET (Web Forms, MVC), Visual C++, Prolog, Dreamweaver, Oracle Forms, MySQL Workbench, Data Warehouse, NetLogo 4.1.3
- **Geographic Information Systems:** Arcgis 9.3, Arcgis 10.0, ArcScene 10.0, ENVI, IDRISI SELVA
- **Programming Languages:** Java, C++, XML, HTML, PHP, ADF, BASIC, JavaScript,
- **Networking Protocols:** DNS, DHCP, HTTP, OSPF, EIGRP, TFTP, Frame Relay, ATM2
- **Operating Systems:** Windows, Linux, MAC OS

University of Azuay, Cuenca – Ecuador

Masters Candidate, May 2014, Geographic Information Systems with emphasis on Land Planning

- Completed Master's curriculum

GIS Projects

- Created environmental management plan to identify site for waste transfer station in Cuenca, Ecuador
 - Location for the landfill identified by this project was implemented by the municipality
 - Used Geographic Information Systems such as **ARCGIS 10.0, ARCSCE 10.0**
- Created dynamic model to simulate effect of dam breakage on a surrounding area using **NetLogo 4.1.3**
- Collaborated in creation of the Land Plan of the City of Cuenca, Ecuador

GIS Knowledge/Experience

- Spatial reference systems and Global satellite navigation systems
- Aerial Photographs and Photo restoration
- Geodatabases and network analysis
- Satellite Teledetection and Teledetection Sensors
- Temporal Analysis of Teledetection Output
- Exploratory Analysis of Spatial Data and Infrastructure for Spatial Data and Map Servers
- Advanced Analysis of Geographic Data (socioeconomic variables)
- Cartographic Quality Control, Land Surveys, and Valuation
- Management and Use of Hidrographic Bodies
- Environmental Protection, Land Use Planning, and Assessment and Restructuring

Hermano Miguel “La Salle” High School, 2003 - Physics/Math

- Worked as Visual Basic programmer at the “Center of Information Systems Studies” Sponsored by the University of Cambridge, 2003
- Studied in the Physics and Math Specialization Program

Languages: **English** – High level of written and Medium level of spoken; **Spanish** – Native

Professional Experience

Full-Stack Web Developer of Msportswear USA, Maryland - EEUU 2018-present

- Website developer and administrator – attracted new customers with website and social media enhancements.
- Implemented database system to manage clothes inventory for the web page.
- Developing mobile app.
- Web site: <http://www.martinezsportswear.com/>

Support Staff – Fitzgerald Auto Mall, Gaithersburg - Maryland Nov, 2018-present

- Update Web site information as new cars stock pictures and videos
- Stocking New Cars
- Assist with customer reception
- Interchanges between dealers
- Valet completed vehicles for waiting customers

General Manager, Co-Owner of Msportswear Ltd, Cuenca - Ecuador 2012-2018

- Created family owned company while studying for Master’s degree
- Manage projects for IT systems and manufacturing processes using the latest technologies
- Oversee production of high-quality competition clothing for high-endurance athletes
- Income and production grew 300% between 2012 and 2013, 100% from 2015 to 2016 and 100% from 2016 to 2017
- Web site: <http://www.martinezsportswear.com/>

Systems Engineer – “Hogar del Ecuador” Foundation, Cuenca - Ecuador, www.funhogar.org

- Hosting and Network administrator
- Website developer and administrator – attracted new customers with website and social media enhancements.

Systems Engineer – 96.9 Radio Familia, Cuenca - Ecuador,

- Hosting and Network administrator
- Online Radio developer and administrator –attracted new customers with website and social media enhancements.

Other Accomplishments

Inline Speed-Skating Champion

- Elite In-line Speed Skater, 2002 – 2011
 - **National Champion** in various speed and distance events
 - Represent Provincial and National Teams for International Competitions from 2002 through 2011
- **Skating Coach**, Sports Federation of Azuay, 2014 (Cuenca, Ecuador)
- **Skating Coach**, Hnos. Martinez Speed Skating Club, 2018 (Cuenca, Ecuador)