

Nombre: Edgar Hamlet Solano Diaz

Computer Science Engineering

Personal Data

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Professional Experience

Job:	Software Developer	Company:	Farmalivio	period:	05/2021 - Current
<p>Activities: I was in charge of several projects with technologies like php/laravel, mongo, mariaDB and ArangoDB for a SAAS api multi-company and multi-vendor loyalty system. Simultaneously I worked as Data analyst, discrepancies consultant, I created predictive algorithms for the constant improvement of the system with automated scripts in Python, JS and php and I made an Integration of an embedded bank payment terminal system with C#, foxPro and a native DLL library with an activeX intermediary.</p> <p>Current activity: I'm currently working in an integration of the Banxico CoDI system with the current point of sale in stores.</p> <p>Technologies and tools used: PHP, Laravel, MariaDB, MongoDB, ArangoDB, Python, JS, Vue, C#, shell scripting.</p>					
Job:	Software Developer	Company:	Mosaicc	period::	02/2022 - Current
<p>Activities: UI/UX Mobile Developer, I worked in the design and development of an app with Journal Entries, Money Tracking, Contacts agenda, Tasks list, Goals list, Calendar planification, Media section and goals management, designed and prototyped with AdobeXd.</p> <p>beta code development just started with Dart/Flutter language and Firebase storage.</p> <p>Technologies and tools used: AdobeXd, Dart/Flutter, Firebase.</p>					
Job:	Software Developer	Company:	Software UACJ innovation Department	period:	01/2022 - 06/2022
<p>Activities: I was involved in the development of SAAS (Software As a Service) programs and supporting the adaptation of monoliths apps to multi-Tenant trends and the develop of REST apis with php/Laravel, MySQL and blade,JS/Vue frontend.</p> <p>Primary Activity: MySQL, MongoDB database design , Backend consulting for JS and PHP/Laravel.</p> <p>Secondary Activity: UI/UX web prototyping in Figma.</p> <p>Technologies and tools used: MySQL, MongoDB, .blade, JS/Vue, PHP/Laravel, Figma.</p>					
Job:	Competitive Algorithms and Software Solutions Trainer	Company:	UACJ Algorithm Club	Period:	2020 - Current

Activities: Main trainer for the local algorithms community in the city where we teach how to solve real world problems with technological solutions mainly focused on algorithmic complexity.
 Trainer for job interviews with Algorithms Interviews phase, counselor for programming contests such as ICPC or IMO.
 Participant at national level in the ICPC (International Collegiate Programming Contest) with Java as the main competition language.
 Software Solutions Engineer creator of open java projects such as a dynamic mathematical engine with Open Source dependency injection made in Java (Open Source Java Symbolab clone) or an Android App Modeler with self-generated visual templates made in Java (MIT App Inventor Java clone).
Technologies and tools used: Java, C#, C++.

Technical knowledge		Experience	
		Years	%
Programming Languages	Java	5 Years	80%
	PHP/Laravel	1 Years	50%
	C#	5 Years	60%
Database managers	MongoDB	1 Years	85%
	ArangoDB	1 Years	75%
	MySQL/MariaDB	1 Years	65%
general Software packages	Microsoft software developer pack (VSCode, VS, .NET Framework, SOAP apis, powerShell)	1 Years	30%
	Git control systems (Github, Gitlab)	1 Years	75%
	Postman and insomnia for api testing	1 Years	70%

language knowledge

Language	Speaking	Writing	Reading
English	Advance	Advance	Advance
Spanish	Native	Native	Native

Professional Courses and Training

Course Name	Training company	Date and Place
Artificial Intelligence Course	Microsoft and Axel foundation	July 2020 online
Evaluating User Interfaces	University Of Minnesota	Apr 24 2022 online
Flutter & Firebase: Build a Complete App for iOS & Android	Udemy certificate	May 31 2022 online
Vue - The Complete Guide (incl. Router & Composition API)	Udemy certificate	Jun 07 2022 online