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MARIANELA (MENDOZA) CRISSMAN

SOFTWARE ENGINEER / FULL STACK WEB DEVELOPER

EDUCATION

NORTHEASTERN ILLINOIS UNIVERSITY Chicago, USA.	2018 – *2020
MS. Computer Science, cumulative GPA: 4.0/4. *Expected graduation May 2020.	
UNIVERSITY OF ULSTER Jordanstown, Northern Ireland.	2010 – 2011
International exchange student. Completion of thesis. Score: 84/100.	
UNIVERSIDAD SIMÓN BOLÍVAR Miranda, Venezuela.	2006 – 2012
BS. Electronic Engineering, major GPA: 4.41/5. Graduated Cum-Laude with honors.	

TECH SKILLS

Programming languages:	Python (3yrs), Java (2yr), C++ (1yr), PHP(7mo), SQL (7mo), Node & Mongo(2mo)
Front-end:	HTML (4yrs), CSS (3yrs), Bootstrap (2yr), JavaScript (1yr), Angular2 (2mo)
Relevant coursework:	Data Structures (2018); Algorithms (2018); Advanced Web Development (2019)

WORK EXPERIENCE

CS and Math Tutor / Peer Leader Programming I and II	Aug 2018 – May 2019
NORTHEASTERN ILLINOIS UNIVERSITY Chicago, USA.	
<ul style="list-style-type: none">- Helped (+10) students every week with understanding basic concepts of programming, object-oriented design and data structures by walking students through their thinking process and eventually debugging their code, this during private tutoring or group workshops.	
Developer Engineer	Jan 2012 – Apr 2014
VIKUA C. A. Miranda, Venezuela.	
<ul style="list-style-type: none">- Improved 10% accuracy of the in-house software to predicted statistics of the traffic in a particular street, by adding new features to the software using LabVIEW and by debugging other components of the projects written in C++.- Contributed in design and development of visualization of 11 cameras over the internet to 40% of the clients of the company, by mainly using python 2.7. Tech skills acquired: HTML, CSS, JavaScript.	

RECENT PROJECTS

- Design and Developed a SPA to encourage NEIU community to be a better citizen and a more healthy being. Technologies: Angular, Node and MongoDB. (May 2019)
- Designed and developed a full stack web application for +700 users, allowing registration, retrieval and update of information, by using HTML, CSS, Javascript, PHP and MySQL. (Sep 2018)
- Assembled, powered and programmed a prototype for a remote control car using Arduino UNO board, an ESP32 for wireless connection and an Android device with bluetooth. (May 2018)
- Designed and developed websites for +5 small different businesses, using a combination of HTML, CSS, bootstrap, JavaScript, PHP, Python and SQL. (Apr 2017-present).