Chris M. Perez

Computer Science

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Education

Bachelor - Computer Science
Interamerican University Metropolitan
Campus | 2017 - 2019 |

Computer Science
University of Puerto Rico Rio Piedras
Campus | 2016 - 2017 |

Computer Science
Interamerican University Fajardo
Campus | 2014 - 2016 |

Skills

Languages: Javascript/ES6 , Java , C++, SQL, Python
Backend: Node.js/Express.js
Frontend: Vuejs/Vuex & hooks , React
Version Control: Git
Database: MS SQL Server, MySQL
NOSQL: MongoDB ,
nanoSQL(Database Layer)
DataStore: WebSQL , Local Storage
Multiplatform APPs: Electronjs
Deployment: Heroku , now.sh
Authentication services: Firebase
API Testing Tools: Postman
Agile Methodology & SCRUM
Web Scraping
Java framework: Spring boot
ORM: Hibernate and JPA
Build tools: Maven
Web Services: RESTful
Design Pattern: MVC
Tests: JUnit , Mocha.js , Chai
Operating Systems: Windows , Linux

Summary

Strong interest in projects that require conceptual and analytical thinking. Fully committed to the design and development of implementations of new algorithms either to optimize algorithms or for learning purposes.Always willing to learn new programming languages and willing to take on new challenges regardless of the industry in which I will be working.

Work Experience

2020 — Jr Developer — Puerto Rico Science, Technology & Research Trust | 8 Month

- React apps development.
- Backend development using Javascript (nodejs/express) and Python.
- SQL Server & PostgreSQL database management.

2018 — Jr Developer — CINCO Engineering. | 2 Month

Program Web proyects using CSS, HTML5 and JavaScript and other tools. Ensure the performance, quality, and durability of the developed solutions. Responsible for production releases, server updates and unit tests. Participate in the development of control, improvement and test procedures.

- MEAN Stack Developer
- Implementing a user authentication in node.js through Express.js
- Database Design & development in SQL
- API Testing Tool: Postman

2018 — Software Tester — Mucaroo Inc. | 3 Month

Responsible for performing prescribed tests in software programs and applications before implementation to ensure quality, design integrity and proper functionality. Other important duties I did were to meet with the users of the system to understand the scope of the projects, document and replicate each problem encountered and communicate the results to technical and non-technical colleagues.

- API Testing Tool: Postman
- Documentation Process: Microsoft Excel
- Test Plans, Cases & Processes
- UI & Compatibility Testing
- Performance/Load/Stress Testing

Research and Projects

2017 — Jr Developer — Medical Science Campus, UPR | 1 Year

Bioinformatics and Health Informatics Portal for Medical Minority Institutions (NLM - FUNDED). Install local bioinformatic tools.

2016 — Jr Developer — Medical Science Campus, UPR | 1 Year

Research work in the area of bioinformatic constructing, combining, optimizing, and searching finite-state transducers weighted (FST) in C++ and Python.

- pyfst: OpenFst in Python
- OpenFst: C++ Library
- Development Environment: linux ubuntu 14.04

Achievements

2017 — Codetrotters (Scholarship) — 3 Month

Full Stack Web Development | Jonathan Agosto Cruz as instructor

References

UPR — Dr. Abiel Roche Lima, Medical Science Campus UPR
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