

Chris Michael

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

2018

Jr Developer

CINCO Engineering. | 2 Month

Program Web projects 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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