Ricardo Terrazas

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Education

New Jersey Institute of Technology   Newark, New Jersey
Bachelor of Science in Computer Science   Sep. 2010 – 2016
Minor in Applied Mathematics
GPA: 3.0

Work Experience

UPS   Paramus, New Jersey
Co-op Application Developer   Summer of 2015
- Designed and implemented a dashboard app written in C# using WinForms to display data in a tabular, graphical, and statistical view from data stored in a MSSQL Server
- Wrote user documentation for the dashboard application

UPS   Paramus, New Jersey
Intern Application Developer   Summer of 2014
- Built a Java based application to fulfill a 2015 business year requirement
- Created a Java based desktop application that displayed data in tabular form using Java Swing and also fetched the data from a DB2 Database using the Java JDBC library
- Wrote a user guide and development documentation for the application I created

Sitelegion   Wayne, New Jersey
Senior Software Engineer   Sep. 2014 – Apr. 2016
- Designed and planned projects using Agile methods such as Kanban-Scrum as well as online project management tools such as Trello and Github/BitBucket
- Launched responsive custom made websites that automatically adapted to mobile screens and also had uniquely designed interfaces
- Collaborated in designing the front-end portion of a website requiring a luxurious, sleek, and exclusive appearance and custom design
- Developed a prototype web application that provided a UI with Google Maps, loaded targets from a Mongo database nearest to the user and allowed the user to select any of the displayed targets

Technical Skills

Programming Languages Java, C#, C++, C, Python, PHP, Bash, SQL, Mongo DB Query Language, CSS, JavaScript, and familiar with ARM Assembly
Markup Languages HTML, XML, JSON
APIs and Frameworks JQuery, AJAX, Node.js, D3.js & C3.js, highcharts.js, JDBC and Java Swing, Bootstrap, Laravel, Express
Operating Systems Experienced with iOS, Android, Mac OS X, Windows, and Linux
Interpersonal Experienced with working cooperatively in groups, leading and organizing software projects using agile and scrum methods, translating business requirements to software solutions, and I excel at troubleshooting general issues

Programming Projects/Experience

- Programmed a web app that scraped YouTube and composed the selected data into a CSV file
- Used Trello to design and manage a PHP web application by applying Scrum
- Developed and deployed several server programs written in C that each contained their own distance vector and implemented the Distance Vector Algorithm across a network
- Implemented a Node.js web app that used MongoDB to serve a list of colleges and view detailed data. It also displays statistical data using C3js & D3js graphs on any available college
- Experience with implementing good security practices when developing software