

Ricardo Terrazas

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Education

New Jersey Institute of Technology
Bachelor of Science in Computer Science
Minor in Applied Mathematics
GPA: 3.0

Newark, New Jersey
Sep. 2010 – 2016

Work Experience

UPS
Co-op Application Developer

Paramus, New Jersey
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 in a MSSQL Server
- Wrote user documentation for the dashboard application

UPS
Intern Application Developer

Paramus, New Jersey
Summer of 2014

- Built an application to fulfill 2015 business year requirement
- Created a Java based desktop application that displayed data in tabular form using Java Swing and fetches the data from DB2 Database using the Java JDBC library
- Wrote a user guide and development documentation for the application I created

Sitelegion
Senior Software Engineer

Wayne, New Jersey
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 also adapt to mobile screens and have a uniquely designed interface
- Collaborated in designing the front-end portion of a website requiring a luxurious, sleek, and exclusive appearance and design
- Developed a prototype web application that provided a UI with Google maps, loaded targets from a Mongo database nearest to the user and allows the user to purchase from the selected target

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 working cooperatively in groups, leading and organizing software projects using agile and scrum methods, experience with translating business requirements to software solutions, 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 Agile methods
- 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