

# Ricardo Terrazas

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## Education

**New Jersey Institute of Technology**  
*Bachelor of Science in Computer Science*  
*Minor in Applied Mathematics*

Newark, New Jersey  
Sep. 2010 – 2016

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## 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 stored in a MSSQL Server
- Wrote user documentation for the dashboard application

**UPS**  
*Intern Application Developer*

Paramus, New Jersey  
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**  
*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 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

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## 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

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## 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