

# STEPHANIE CRUZ

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## OBJECTIVE

Interested in obtaining a position in the field of computer science in a challenging environment that utilizes and further develops my technical, analytical, managerial, and leadership skills.

## EDUCATION

**Bachelor of Science in Computer Science**, Minor in Business Administration, May 2016

University of Florida, Gainesville, FL

GPA: 3.73/4.00

## EXPERIENCE

Michelin North America, Inc.

Greenville, SC

**Information Systems – Data Analytics Intern**, May 2015 – August 2015

- Worked with big data tools and technologies such as Cloudera Hadoop, Hive, and Impala to facilitate a cloud-based data mining platform
- Developed scripts in R to manipulate, analyze, and model data from multiple sources to produce predictive models to be used in business decisions
- Analyzed relational database systems to create data dictionaries, documentations, and entity-relationship diagrams for all of our data sources
- Provided solutions to business problems in a fast-paced environment using the agile development process

## TECHNICAL PROJECTS

Software Engineering

Gainesville, FL

**Product Manager & Developer**, August 2015 – December 2015

- Utilized full-stack web development and MEAN.js to provide a unique web application to the client
- Provided a working solution for a real business owner in Gainesville
- Facilitated effective communication between the development team and the product owner in order to fully understand the business needs of the client
- Utilized scrum methodologies and assisted team members that had no experience with agile development

Introduction to Databases and Information Systems

Gainesville, FL

**Database Administrator & Developer**, August 2014 – December 2014

- Created and maintained a relational database system using SQL and Oracle's SQLDeveloper
- Acquired no less than 10,000 crime records to populate our database and performed data preparation and cleaning to make it readable for the end-user
- Designed database schemas and relations using entity-relationship diagrams
- Worked in a group of four to develop an interactive web application that showcased our database and complex queries

## SKILLS

C++, Java, SQL, HTML, CSS, MEAN.js, JavaScript, Agile Development, R, VHDL, MATLAB