DAVID CRUZ

cruzd@mail.usf.edu
407-569-6429
linkedin.com/in/David-Cruz
github.com/iDCruz

Skills

LANGUAGES

Java
JavaScript
C++
C#
HTML
CSS
SQL

FRAMEWORKS

Hibernate
Spring MVC
ASP.NET
JUnit
Scrum (Agile)

Coursework

Computer Networks
Database Design
Data Structures
Object Oriented Design
Software Development for Mobile Devices (Android)
Software Engineering
Software Testing
Web Apps Design

Awards

Florida Engineering Society
Nitro Mobile Solutions Scholarship
Sunview Software Scholarship
USF Scholar Award

Education

University of South Florida

B.S. Computer Science
Expected: May 2017
GPA: 3.93/4.0
Dean's List: Fall 2014, Spring 2015, Fall 2015, Spring 2016

Employment

JP Morgan Chase — Tampa, FL

Summer Technology Analyst — Jun 2016 - Aug 2016

- Contributed a new module to a web application for Corporate Investment Banking Technology
- Played a key role in the database design for the module's implementation in the new system
- Developed on an Agile team
- *Technologies used: Apache Derby, Hibernate, Spring MVC, Java, JavaScript, JUnit*

University of South Florida — Tampa, FL

Undergraduate Researcher — Jan 2016 - May 2016

- Individually developed an Android application to help visually impaired people walk in closed environments
- The application uses sensor beacons that will be located in specific places within the environment
- *Technologies used: Java, XML, Gimbal Beacons, Bluetooth API*

Tenex Software Solutions — Tampa, FL

Software Developer Intern — Sep 2015 - Jan 2016

- Contributed new features to election management web applications
- Discovered and fixed numerous bugs
- *Technologies used: VB.NET, MySQL, JavaScript, DevExpress*

Projects

BullBuy Android Application

- Developed an app, exclusively for USF attendees, that allows users to buy and sell items
- Some application features include email verification, in-app messaging, and suggested transaction locations
- Developed on a team with 2 other students

Automated Billing System

- Independently developed a system that reads an input file with a predetermined format and outputs a report
- System reads a file containing information for toll roads including records for individual vehicles, and generates a report with vehicle information, including the monthly bill for each vehicle
- System generated report for four toll roads, each containing 25,000 records, in less than 19 seconds