

Alessandro Orsini

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Education:

Rutgers University - New Brunswick

New Brunswick, New Jersey, United States

Electrical and Computer Engineering and Computer Science
3.87 GPA

Sep 2013 - May 2017

Experience:

iCims – Software Development Intern

Jun 2015 - Aug 2015

Developed a C# .NET MVC tool used to query the company's development and production databases and then store relevant data into Amazon S3 for future big data analysis. Also contributed to layout enhancements and multiple fixes to existing bugs.

Aresty Summer Research Program – Quadcopter Drone Researcher

May 2014 – August 2014

Worked at the Rutgers Computational Biomedicine Imaging and Modeling Center developing the software to create autonomous drone control using Microsoft Kinect position tracking. The work contributed to getting the computer to detect a ball, calculate its trajectory, and then move the drone to the calculated landing position.

CommVault - Programming Intern

Jul 2013 - Aug 2013

Developed a program in C# that would act as a permission checker for CommVault's Simpana software. This tool intended to make it easier for developers to setup their Simpana environments correctly on their own.

Monmouth University - Summer Research Intern

Jun 2012 - Aug 2012

Worked with Radio Frequency Identification Technology (RFID) to research alternate uses of the technology under Professor Robert Kelly. Developed software in java that took input signals from the reader, stored the data in a database, and then ran the data through an algorithm that would return individual locations for each RFID tag.

Skills & Qualifications:

- Experience with C#, Java, C++, MATLAB, SQL, HTML, CSS, JavaScript, .NET MVC
- Mobile Development experience with Android, currently learning iOS
- Comfortable using different APIs and SDKs
- Proficient in Italian and Spanish

Personal Projects

- Developing a web and mobile application to handle tracking members, events, payments, etc. for fraternities and other school organizations. Currently being developed with Python and Flask for the web app along with Android and iOS for the mobile app. I work on all parts of the project with a focus on the android development.

Activities:

- Learning Assistant in the Engineering Department for MATLAB Courses
 - Led study groups for MATLAB and assisted during recitations
- Sigma Pi Community Service Chair
- Rutgers Hackathon Club
- Undergraduate Student Alliance of Computer Scientists
- Boy Scouts of America

Awards:

- Rutgers Presidential Scholarship
 - Full scholarship given to the top 1% of applicants
- Eagle Scout Award
- Rutgers Academic Excellence Award
- 2nd Place Johns Hopkins Hackathon
- 4x Dean's List
- Rutgers SigEp Balanced Man Scholarship