

DOMENICK J. PIZZANO

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EDUCATION:

Rensselaer Polytechnic Institute - Lally School of Management, Troy, NY

Spring 2018

B.S. in Business and Management

Minors in Information Technology and Economics | GPA: 3.3/4.0

RELEVANT COURSEWORK:

Roadmap Technologies sponsored Client IT Project, RPI

Fall 2017

- Worked with a four member team of IT software developers to create a data visualization dashboard for Roadmap Technologies, a small company that provides data analytics software to pharmaceutical and consumer goods companies.
- Implemented a software product using HTML, CSS, SQL, Logstash, Elasticsearch and Kibana to create a visually appealing dashboard displaying client data metrics and insightful figures that are easy for client's company decision makers to understand.

GE sponsored Capstone Project, RPI

Fall 2017

- Worked on a 10-member team along with mechanical and electrical engineers to develop a prototype product for GE.
- Presented every two weeks to GE company executives explaining potential market research for the team's prototype.

Data Resource Management, RPI

Spring 2017

- Trained on technologies that manipulate data at the various organizational levels such as SQL, extraction transformation and loading tools (ETL), data warehousing, online analytical processing (OLAP), and data mining.

Introduction to IT and Web Science, RPI

Fall 2017

- Coursework involved creating software projects using HTML, CSS, JavaScript, XML, jQuery, JSON, AJAX, PHP, and MySQL, along with introduction to topics such as web systems design, emerging web standards, database systems, security, and computer networking. I wrote my term project in HTML, CSS, JavaScript and PHP, for a website that has an user enter a word and the media player skips to the part of the podcast where the word is spoken. The website uses data retrieved from IBM API.

SKILLS:

Programming: Python, JavaScript, Angular JS, Bash, HTML, CSS, SQL, XML, jQuery, AJAX, PHP, UNIX, C++, Chrome Developer Tools and GitHub

Software: Oracle SQL, MS SQL, Redhat JBoss, Logstash, Elasticsearch, Kibana, Outlook, Drupal, Tableau, PowerPoint, Microsoft Word, Excel, Access, PuTTY and Photoshop.

PROFESSIONAL EXPERIENCE:

Software Engineering Intern, UnitedHealth Group, Boston, MA

June 2017-August 2017

- Worked with a 9-person intern team, I mostly wrote code in JavaScript, Angular Js, HTML, and SQL, to create an updated version of an legacy web app portal that had the ability to easily export, filter and drill down into data.
- Queried data from an Oracle SQL database, converted queries into a JSON file, wrote JavaScript code which connected to the JSON data then used Angular JS to display that data into four different types of interactive data visualizations and datatables.
- Presented every 2 weeks in front of company managers and executives to update them on project progress and receive their feedback. Had multiple meetings daily, utilized Scrum and Agile methodologies, and learned how to develop a software product working closely with a team utilizing GitHub to share code.

Bioinformatics/Computer Programming Intern, Veritas Genetics, Danvers, MA

June 2015-Jan 2017

- Wrote Python parser programs along with a variety of other custom Python programs and API calls, some of which utilized algorithms to analyze and filter large gigabyte sized datasets, while utilizing Bash script on UNIX command line to analyze results in order to upload genetic data files to corporate genomics database. Gained an understanding of genetics and genetic mutations while working with the company's bioinformatics team.
- Assisted other employees with Python programs and successfully troubleshoot computer software problems.
- Worked 40-50 hours/week during the summer and winter break and 10-15 hours/week working remotely from school. Gained exposure to a startup company environment and work pace.

LEADERSHIP:

Vice President, Theta Chi Delta Chapter, Troy, NY

2017

Team Manager/Captain, Intramural Hockey Team, Troy, NY

2017

ACTIVITIES/AWARDS:

2012 Massachusetts Division 1 Football State Championship with St. John's Prep

2012

RPI Dean's List

Fall 2015|Spring 2016|Spring 2017

RPI Dean's Honor List

Fall 2016