

Tristan Villamil

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Objective

Master's student with a focus on artificial intelligence and a background in web development. Hoping to leverage my academic experience with web technologies and machine learning into an internship.

Education

MASTER'S DEGREE | RENSSELAER POLYTECHNIC INSTITUTE (RPI) DECEMBER 2018

- Major: Computer Science
- GPA: 3.29/4.00
- Related coursework: Deep Learning, Introduction to Artificial Intelligence, Parallel Programming

BACHELORS OF SCIENCE | RENSSELAER POLYTECHNIC INSTITUTE (RPI) JUNE 2017

- Major: Dual Degree in Information Technology and Web Science (ITWS) & Computer Science
- GPA: 3.09/4.00, Dean's list for 3 semesters
- Related coursework: Machine Learning, Managing IT Resources, Database Systems

Experience

ACADEMIC RESEARCH | RENSSELAER POLYTECHNIC INSTITUTE (RPI)

- **Undergraduate and Graduate Research: Professor Xia's lab** JUNE 2015-PRESENT
 - Co-authored Publication – "Learning Mixtures of Random Utility Models" – which will be published in the 2018 editions of Association for the Advancement of Artificial Intelligence (AAAI)
 - Designed with Django the Online Preference Reporting and Aggregation (OPRA) site for aggregation of rankings and social choice research
 - Designed and ran experiments, implemented multiple projects, collaborated as part of a team
- **Class Projects and Assignments** FALL 2014-PRESENT
 - **Senior Project:** Worked with Deloitte to create a fully documented framework for designing secure enterprise mobile applications
 - Used MySQL with PHP to implement a site that gives a platform for clubs to vote online
 - Built NodeJS sites with Angular, most recently to allow IgniteU NY, a local startup incubator, to visualize data about applicants to their program

STUDENT AMBASSADOR | RENSSELAER POLYTECHNIC INSTITUTE (RPI) | 2015-PRESENT

- Conduct daily tours of the RPI campus with prospective students; identified specific needs of individual members and worked to highlight them to convey the pros and cons of the establishment
- Assisted with the operations and logistics of large scale events

Skills & Abilities

- **Programming Languages:** C/C++, Python, HTML, CSS, JavaScript, PHP, Django, Java
- **Web Development:** Front End and Back End Web Design Experience: NodeJS, Django, AngularJS, JQuery, SQL, Mongo, Bootstrap
- **App development:** PhoneGap
- **Graphic Design, Animation, and Game Design:** Photoshop, Adobe Illustrator, Blender, Gimp, Unity