

# Gabriel Perez

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## Education

Rensselaer Polytechnic Institute, Troy, NY  
Bachelor of Science in Computer Science  
GPA: 3.43/4.0

Graduation: Dec 2015

## Experience

Tudor Investment Corporation, Software Developer Intern

Summer 2015

- Implemented a monitoring client for developers to troubleshoot trading database latency
- Engineered and documented a solution to enforce unique sessions when applications connect to trading server message queues
- Demonstrated the advantages of HTML5 desktop applications to increase developer productivity

Advanced Information Management, Software Developer Intern

Spring 2015

- Overhauled shipping label generation to print more efficiently and maximize warehouse productivity
- Developed a module to automate customer purchases using shipping provider APIs
- Showcased a version control solution to improve collaboration on development projects and provide management with progress updates

Rensselaer Center for Open Source Software

Spring 2014 - Present

- Revitalized the RPI shuttle tracking backend to serve updates nearly twice as fast using Go
- Developed a document management system used by student organizations on campus to publicize information and maintain archives

## Leadership & Activities

Web Technologies Group, President

Spring 2013 - Present

- Maintained and contributed to an open source digital signage service consisting of over twenty screens across campus
- Launched an open source petitions website for RPI Student Government that has received 97 submissions and over 5800 users in the first 3 months
- Directed the purchase and implementation of GPS tracking hardware for the RPI shuttle fleet in cooperation with the RPI Department of Transportation
- Provided support to Student Senate committee leaders with web hosting, document archives, and the student petition service

RPI TV, Vice President

Spring 2014 - Present

- Managed the club budget of over \$17,000 for fiscal year 2016
- Participated in the club's executive committee meetings to decide club business and approve event requests
- Volunteered to film over 80 productions across a variety of campus events

## Technical Skills

Proficient in: C++, Python, Ruby, JavaScript, Rails, SQL, and MongoDB  
Working knowledge of: Java, Go, Meteor, Flask, Polymer, and Angular

## Honors

Upsilon Pi Epsilon (UPE) Computer Science Honors Society

Fall 2015 - Present

RPI Dean's List

Fall 2012 - Present

Rensselaer Leadership Award

Fall 2012 - Present