

# ANDREW AQUINO

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## Education

Rensselaer Polytechnic Institute | Bachelor of Science, Computer Science

Fall 2014 - Spring 2018

- Cumulative GPA: 3.41/4.00
- Relevant coursework: Database Systems, Programming Languages, Introduction to Algorithms, Foundations of Computer Science, and Computer Organization.

## Work Experience

Capital Region Otolaryngology | Web Developer

January 2017 - Present

- Iteratively designing a public-facing homepage and logo for an ear, neck, and throat medical practice.
- Implementing static webpages from wireframe mockups using Jekyll to support blog posts.

3M Health Information Systems | Software Engineering Intern

May - August 2016

- Collaborated on intern Scrum team to design and develop ElasticSearch Nexus, an employee-facing dashboard Web application which displays visualizations of process log data to help make information-driven decisions.
- Created user interfaces to perform create, read, update, and delete functionality on users and visualizations using an in-house AngularJS framework.

Autotask Corporation | Software Development Intern

June - August 2015

- Refactored JavaScript and C# code with Gulp.js for an IT business management ASP.NET Web application in accordance with corporate style guides.

## Projects

Rensselaer Center for Open Source | Shuttle Signups

Spring 2017

- Building upon a real-time MEAN stack registration portal for RPI community members and guests to sign up for special shuttles, towards an initial release in early March.

Web Science Systems Development | Menuoso

Spring 2017

- Prototyping a MEAN stack Web application integrated with Raspberry Pi to provide restaurant managers with digital menus that are easy to edit, arrange, and style.

deanslist

December 2016 - Present

- Designing and implementing database and frontend for Django startup website which allows college students to trade items with or solicit services from one another.

Web Systems Development | FixxSquared

Fall 2016

- Developed a secure Web application to improve upon RPI's existing maintenance and repair service for on-campus residents using an Apache, PostgreSQL, PHP, and JavaScript stack.

## Extracurricular Activities

Tau Epsilon Phi Fraternity, Epsilon Iota Chapter

- House Computing Chairman

Spring 2015 - Present

- Administrated chapter website and published relevant recruitment event information.
- Implementing d3.js with Angular 2 and TypeScript to visually represent chapter lineage.

- Chaplain

Fall 2016 - Present

- Budgeted and organized event materials for brotherhood dinners, subsequently awarded Chairman of the Semester for Fall 2016.
- Fairly delegated food preparation and cleanup tasks using a Python script.

- Rush Marketing Chairman

Fall 2016 - Present

- Created extensible and minimalistic designs for rush calendars and T-shirts.

Eagle Scout

November 2013

## Open-Source Contributions

- HackRPI | HackaMatch

November 2016

- Designed and built W3.CSS frontend for a website that enables hackathon participants to build groups based on skill matchups.

- Tau Epsilon Phi national website

December 2016 - Present

- Reimplementing user profile pages for Django overhaul of www.tep.org.

## Skills

Programming languages: JavaScript, Python, C, C++, Java, PHP, SQL, some Ruby

Markup: HTML, CSS (SCSS), Markdown, LaTeX

Programming practices: Agile (Scrum) development, Git, Apache Subversion

Web frameworks and APIs: AngularJS, jQuery, Django, Jekyll

Graphic design: Adobe Photoshop, Illustrator CS6

Languages: Proficient in Spanish, familiar with Mandarin Chinese

## Academic Honors

Dean's List of Distinguished Students  
Rensselaer Leadership Award

Fall 2014 - Present  
Fall 2014 - Spring 2018