

Tyler J. Sontag
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Education

- Rensselaer Polytechnic Institute** Troy, NY
• *Bachelor of Computer Science* 2013 - 2017
Major GPA: 3.87, Overall GPA: 3.84 Class rank: 185th out of 1589
- Leominster High School** Leominster, MA
• *High School Diploma* 2009 - 2013

Relevant Coursework

- **Computer Science:** Database Systems, Network Programming, Machine Learning, Artificial Intelligence, Computer Algorithms, Operating Systems, Programming Languages, Software Design and Documentation
- **Mathematics:** Calculus I, II, and III, Linear Algebra, Number Theory, Graph Theory

Projects and Experience

- **Principles of Software** Rensselaer Polytechnic Institute
Undergraduate programming mentor Spring 2017
– Assisted students with Java assignments during office hours, graded and gave feedback on homework.
- **Introduction to Algorithms** Rensselaer Polytechnic Institute
Undergraduate programming mentor Fall 2016
– Worked with professor to refine course content, graded homework and exams.
- **Adoptapedia** <https://adoptapedia.com/>
Web developer Fall 2016
– Designed database schema, wrote PHP, SQL, JavaScript, HTML and CSS, and integrated DeviantArt's API for a website that indexes resources for artists. Collaborated with three teammates and taught them PHP basics.
- **Chip's Challenge high score site** <http://jamesa7171.net/>
Web developer Fall 2015
– Wrote SQL, PHP, JavaScript, and HTML to manage and display high scores for the computer game, Chip's Challenge.
- **Hollis Hills Farm** Fitchburg, MA
Food preparation and cleanup Summer 2015, Summer 2016

Awards, Honors, and Leadership

RPI Dance Dance Revolution Club Vice President 2014-2017
Dean's Honor List, every semester at RPI 2013-2016
Winner of "Most Polished Game", RPI Game Development Club Game Jam 2013
AP Scholar with Distinction 2013

Skills

- Programming and Markup Languages
 - **Expert:** C, C++, Java, PHP, Python, SQL
 - **Intermediate:** CSS, HTML, JavaScript, Scheme
- Software
 - Adobe Photoshop, Microsoft Word, Microsoft Excel

Hobbies and Interests

- Game design, music production, playing, and listening, reading, film, puzzle games, recreational math