

Thomas Walsh

518-390-9625 | te21wals@siena.edu
LinkedIn : <https://linkedin.com/in/thomasewalsh>
GitHub : <https://github.com/te21wals>

EDUCATION

Siena College, Loudonville, NY
Bachelor of Science In Computer Science
GPA: 3.4

Expected: May 2017

EXPERIENCE

Auto/Mate, Albany, NY

Expected Start Date : 12/20/16

Software Development Intern

- Assisted on the development team of DMS software, working primarily with Java.
- Performed maintenance and issue handling as reported by users.
- Replaced existing COBOL applications with Java applications, while maintain comparability with system build.

Siena College School Of Science, Loudonville, NY

September 2016 – Present

Student Tutor

- Assisted students to help with any Computer Science related questions they may have.
- Communicated with teachers about topics their students are having problems with.

Siena College School Of Science, Loudonville, NY

September 2016 – Present

Lab Assistant

- Collaborated with teachers to help students achieve their academic goals.
 - Assisted students with class and lab activities.
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RESEARCH

Siena College Institute For Artificial Intelligence, Loudonville, NY

May 2016 – August 2016

Artificial Intelligence Researcher

- Participated in the 2016 Text Retrieval Conference (TREC) Clinical Decision Support Track (SCDA) sponsored by the National Institute of Standards and Technology and the US Department of Defense.
 - Researched information retrieval methods for natural language processing, specifically for medical articles
 - Developed a system for retrieving relevant medical documents based on a set of doctors notes.
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COMPUTER SKILLS

Languages : Java (1.7/1.8), R, SQL, Python, XML, HTML5, CSS, PHP, and JavaScript

Software : Eclipse IDE, IntelliJ IDE, Brackets IDE Ubuntu Linux, GitHub, Microsoft Office, and MySQL

Concepts : Object Orientated Programming, Bootstrap, Responsive Web Design, and Grid Layout Systems

AWARDS & CERTIFICATIONS

ACM – ICPC Northeast Regional Programming Contest: 4th Place, Hamilton College, Clinton NY October 2016

Text Retrieval Conference (TREC) : Participant, NIST, Gaithersburg MD November 2016

Oracle Certified Java Programming Associate, Oracle University September 2016

Deans List, Siena College, Loudonville NY Spring 2015 and Fall 2016

Spark Tank: 3rd Place, Siena College Stack Center for Innovation and Entrepreneurship March 2015

EXTRACURRICULAR ACTIVITIES

Albany Admirals Swim Team, Cohoes Community Center, Cohoes NY

Volunteer Coach

January 2015- Present

- Coached mentally disabled athletes from ages 16 to 30 to achieve swimming goals
- Trained athletes specifically to their own goals as well as their needs and abilities

Pathfinders, Siena College Office Of Admissions, Loudonville, NY

Volunteer

January 2014- May 2014

- Communicated with parents and potential students providing insightful information about Siena College
- Volunteered at a variety of admission events encouraging potential students to come to Siena College