

# Garrett Allen

[gm17alle@siena.edu](mailto:gm17alle@siena.edu)

## EDUCATION

**SIENA COLLEGE • Loudonville, NY (Anticipated Graduation: May 2016)**

BS in Computer Science • GPA: 4.00/4.00

BS in Mathematics • GPA: 3.91/4.00

Secondary Education Certification • GPA 4.00/4.00

## Technical Skills

- Programming Languages : Java • Python • Jython • HTML • SQL
- Operating Systems: Windows • Apple • Linux
- Additional: VIM text editor • Microsoft Office • Excel

## RELEVANT COMPUTER SCIENCE EXPERIENCE

GRAPHICAL PROCESSING UNIT RESEARCHER, SIENA COLLEGE, NY (June 2014 – Present)

- Utilize GPU technology and Linux Operating system to perform various speed related tests
- Program in Python using Cuda
- Will present findings at annual GPU Tech Conference in California in March 2015

ROBOTICS RESEARCHER, SIENA COLLEGE, NY (September 2013 – December 2013)

- Used ROS and Linux operating systems and Python programming language to program robot
- Programmed Robot to operate Keurig coffee machine
- Presented Robot at Siena College's 2013 RoboShow

ARTIFICIAL INTELLIGENCE RESEARCHER, SIENA COLLEGE, NY (January 2013 – May 2013)

- Scraped web data from various National Basketball Association statistic data sites
- Designed artificial intelligence program to predict player performances
- Predicted outcomes with 89% success rate

## LEADERSHIP AND COMMUNICATION EXPERIENCE

DIFFERENTIAL AND INTEGRAL CALCULUS TUTOR, SIENA COLLEGE, NY (September 2013 – Present)

- Assisted students individually and in groups in single and multivariable calculus
- Tutored over 30 students since being hired

SIENA COLLEGE KARATE CLUB PRESIDENT (September 2012 – Present)

- Planned, hosted, and ran events including self-defense seminars each semester
- Tripled club attendance from 2012-2013 through effective advertising

SCHENECTADY HIGHSCHOOL TEACHING ASSISTANT (May 2014 – July 2014)

- Taught and assisted in a ninth grade algebra classroom for five hours a day
- Helped high needs students pass the Regents exam and avoid failure