

# Antonius Torode

*Achieving Higher Education*

## Education

- 2015–Present **Physics Undergraduate**, *Michigan State University*, Lansing MI, *GPA – 3.9*.  
Astrophysics, Quantum Physics, Electrodynamics, Theoretical, Advanced Mathematics, etc.
- 2011–2014 **General Educational Studies**, *Oakland Community College*, *GPA – 3.7*.  
General studies as well as math/sciences up to and including Calculus III, Differential Equations, Engineering Physics II and General Chemistry II (4.0 in all).
- 2008–2011 **High School**, *Clarkston High School*, Clarkston MI, *GPA – 4.0 (ACT standards)*.  
AP Physics, AP Calculus, AP computer Sciences, CSMTech (3 year advanced math, science and technology program).

## Experience

- 2016–Present **P-A Computing Assistant**, MICHIGAN STATE UNIVERSITY, Lansing MI.  
I work to manage and maintain the computers and networks for the Physics and Astronomy departments at MSU. My responsibilities include fixing any common problems that may arise while applying my knowledge to maintain efficiency within the department.
- Summer 2016 **Physics Teaching Assistant**, MICHIGAN STATE UNIVERSITY, Lansing MI.  
I was a weekly tutor and an exam proctor for PHY 232C which is an online course taught at Michigan State University.
- 2013–2015 **CRLA Certified Math, Physics and Chemistry Tutor**, OAKLAND COMMUNITY COLLEGE, Auburn Hills MI.  
I worked in the Auburn Hills campus Mathematics lab tutoring students in fundamental concepts and ideas having to do with but not limited to mathematics, physics and chemistry
- Summer 2013 **Condensed Matter Physics Research**, OAKLAND UNIVERSITY, Auburn Hills MI.  
I started off by intensively studying Raman spectroscopy and graphite/graphene under high pressures. After I ran a Raman spectroscopy experiment on graphene using a diamond anvil cell to achieve high pressures.
- Learned and ran experimental setups using Raman Spectroscopy.
  - Designed and set up resistivity experiments to confirm findings.
  - Presented research in a professional and comprehensive manner in front of an audience.
- 2011–2013 **Data Research Analyst**, CLRS, INC., Southfield MI.  
Performed Data analysis of the General Motors commercial car markets and gave brief presentations on findings.
- Learned and filled in for other positions when needed, including management duties.
  - Analysis of economic markets and businesses.
  - In depth research of Las Vegas casino populations.
  - Analyzed business functionality and efficiency and improved upon them when able.

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## Miscellaneous

2010–Present **d0sag3-Films**, HOME BUSINESS.

d0sag3-Films is a video editing and graphic design title I created while in high school. I have done paid projects for Detroit In Focus but also many personal projects. Many of my projects can be viewed at <https://www.facebook.com/d0sag3> (d0sag3 is spelled with a zero).

## Clubs and Honors

- 2016 Michigan State University Dean's List
- 2016 Offered membership to the Golden Key International Honour Society
- 2016 Offered membership to The Society for Collegiate Leadership & Achievement (SCLA)
- 2015 Member of the Phi Theta Kappa Honor Society
- 2011–2015 Oakland Community College Dean's List
- 2010 Member of the National Junior Classical League

## Computer skills

- Basic PHP, Adobe Illustrator, MAC
- Intermediate to Advanced Linux, JAVA, HTML, CSS, CAD,  $\text{\LaTeX}$ , C++, C#, Python, DS9, Stellarium, all OpenOffice products, all Microsoft Office products, Microsoft Windows xp/7/8/10, Adobe Premiere Pro, Sony Vegas, Final Cut Studio, Adobe Photoshop, Adobe After Effects, Computer Hardware and Support

## Interests and Hobbies

Mathematics, Chess, Chemistry, Physics, Mathematics, Video Design, Computer Sciences, Health and Education, Technology

## References

- 2015–Present **Esther V. V. Reed**, *MSU Faculty*, Biomed/Physical Science Building: 567 Wilson Road, Room 1209, East Lansing, MI 48824, [reed@pa.msu.edu](mailto:reed@pa.msu.edu) (517)-884-5469.  
Employer at Michigan State University.
- 2013–2015 **Michael Robinson**, *OCC Faculty*, 739 S Washington Ave, Royal Oak, MI 48067, [mdrobins@oaklandcc.edu](mailto:mdrobins@oaklandcc.edu) (248)-232-4438.  
Employer at Oakland Community College.
- 2013 **Yuejian Wang**, *Assistant Professor*, 2200 N Squirrel Rd, Rochester, MI 48309, [ywang235@oakland.edu](mailto:ywang235@oakland.edu) (248)-370-3423.  
Employer at Oakland University.
- 2011–2013 **Mitch Kanaan**, *CLRS, inc. President/Owner*, 29433 Southfield Road, Suite 106 Southfield, Michigan 48076, [mkanaan@clrsinc.com](mailto:mkanaan@clrsinc.com) (248)-760-5316.  
Employer at CLRS, Inc.