

Tyler S. Anderson

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[Online Portfolio](#)

[LinkedIn](#)

EDUCATION

M.S. Candidate in GIScience

Clark University, Worcester, MA

Expected Aug 2019

B.A. in Environmental Science

Clark University, Worcester, MA

magna cum laude: 3.78 GPA

May 2018

SKILLS

- ArcGIS, TerrSet (IDRISI), QGIS, GeoDa, CLASlite, ACOLITE, Google Earth
- GitHub, Python, R, Blogdown, Anaconda
- Field Methods, Tree Identification, Tropical Ecology

PROFESSIONAL EXPERIENCE

Teaching Assistant: Field Methods

Clark University, Worcester, MA

Aug 2018 - Present

- Assisted students during field experiments for labs and final projects.
- Graded labs and assisted students with questions.

NASA DEVELOP Participant

NASA Ames Research Center, Moffett Field, CA

Jun – Aug 2018

- Investigated change in water quality in US Virgin Islands after 2017 Hurricane season.
- Analyzed spatial and temporal extent of changes in water quality post-hurricane.
- Presented research to NASA employees and project collaborators.

GIS Help Desk Assistant

Clark University, Worcester, MA

Jan – May 2018

- Provided guidance and support on GIS to students.
- Troubleshoot GIS software issues.

NOAA Fellowship

National Oceanic and Atmospheric Administration, Silver Spring, MD

Jun – Aug 2017

- Investigated the relationship between turbidity and satellite-derived bathymetry from MODIS as part of a greater project.
- Presented findings throughout summer and at final research symposium.

HERO Fellowship

Clark University, Worcester, MA

May – Jul 2016

- Investigated health of juvenile trees planted after tree removal program due to invasive Asian Longhorn Beetle.

ACADEMIC EXPERIENCE & PRESENTATIONS

Honors Thesis for B.A. in Environmental Science

Title: Trends in Forest Cover: Semi-Automated Classification of Forest Cover in Massachusetts for 2015

Poster Presentation at AAG Annual Meeting 2018: New Orleans, LA

Title: Trends in Forest Cover in Massachusetts: Classification for 2015

Poster Presentation at Fall Fest 2017: Clark University, MA

Title: Satellite Derived Bathymetry: Rapid Assessment for Safer Navigation

Poster Presentation at Fall Fest 2016: Clark University, MA

Title: Assessing juvenile tree status from planting initiatives within ALB Quarantine Zone, MA

AWARDS, HONORS, AND MEMBERSHIPS

- American Association of Geographers (AAG)
- American Society of Photogrammetry and Remote Sensing (ASPRS)
- Gamma Theta Upsilon (GTU) – Geographic Honor Society
- Highest Honors in Environmental Science for Undergraduate Honors Thesis
- Clark University Dean's List – Fall 2014 – Spring 2018