

# Nathan A. Begley

711 W. Grantham St. Vail, AZ 85641  
(520) 437-9217 nathanabegley@email.arizona.edu

## OBJECTIVE

Assist in research to gain valuable skills, experience, and professional relationships.

## EDUCATION

University of Arizona – Tucson, AZ

Currently pursuing a B.S. in Geophysics, with a Math Minor and Physics Minor.

Expected to graduate in May 2020.

## RELEVANT COURSEWORK

- Physical Geology
- Linear Algebra
- Calculus I, II, & III
- Electricity & Magnetism *Honors*
- Thermodynamics, Waves, & Optics *Honors*
- Intro Mechanics
- General Chemistry I & II

Pima Community College—Tucson, AZ

Transferred to the U of A to obtain a B.S. in Geophysics. Trained in lab safety from several chemistry courses taken at Pima.

Cienega High School--Vail, AZ July 2009- May 2012

Obtained High School Diploma.

## RESEARCH EXPERIENCE

Tree-Ring Laboratory - The University of Arizona – Dr. Valerie Trouet – Tucson, AZ  
Research Assistant February 2018 – Present

The main focus of this research project is tree-ring density based reconstruction of Albanian wood samples. My primary tasks are to number the tree-ring samples, find marker years through latewood density analysis, and determine fiber angle measurements.

## WORK EXPERIENCE

Major Construction LLC. – Tucson, AZ Carpenter/Handyman July 2016- August 2017

Framed a custom home, built various framing projects from temporary to permanent fixtures, caulked baseboards and other areas, installed cabinets, interior painting, minor plastering, basic masonry, made custom concrete countertops, organized tools, cleaned work areas.

R.W. Burkel Contracting Inc. -- Tucson, AZ Carpenter Apprentice February 2016- July 2016

Cleaned work areas daily, worked in groups for carpentry/metalworking/concrete projects, organized tools and materials on a daily basis.

Shuttle Bus Leasing—Vail, AZ Diesel Mechanic Helper July 2012- December 2012

Inspected company assets daily, performed basic repairs on diesel engines and generators weekly, restocked and organized the parts inventory, entered paperwork on to the company database multiple times a day, cleaned and maintained company facilities daily.

Rincon Valley Fire Department – Vail, AZ Volunteer August 2011- January 2012

Cleaned and maintained vehicles and fire station, became CPR-certified, assisted with emergency calls, learned basic EMT skills.

#### PROFESSIONAL SKILLS

- Proficient in Microsoft Office
- Proficient in Microsoft Excel
- Basic experience with C, Python, and MATLAB
- Basic experience with metal lathe, milling, and CNC machining

#### REFERENCES

Available upon request