

# Dustin Williard

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|------------------|---|---------------------------|----------------|
| <b>Education</b> | 2005 - 2007                               | The Ohio State University | Columbus, Ohio |
|                  | • <b>Bachelors of Arts Degree/Geology</b> |                           |                |
|                  | Distinguished, GPA 3.36                   |                           |                |
|                  | 2003 - 2005                               | The Ohio State University | Newark, Ohio   |
|                  | • <b>Associates of Art Degree/Science</b> |                           |                |

I have graduated with my Bachelor's Degree. I have completed multiple courses of geology for my major, including two introductory geology classes encompassing the history of the earth, which includes fossils and mineral and rock identification. I have also completed GS 206 an oceanography class that deals with the changing environment of the ocean, weather patterns and how the oceans affect the world. I also have taken GS 204 a water resources class. It was very enlightening in how important water among our other valuable resources is truly important and is a fragile mainstay of life on earth. It also taught me how water flow is predicted and how pollutants and poisons can leach into the water table. Another class I have taken is GS 205 a planetary geology class, which was very interesting and expanded my understanding and interest of how extra planetary objects and occurrences could affect earth. Whether it is solar radiation or objects moving in space. It also taught me more about the possibility of earth similar environments on other planets or objects. I have also taken an environmental geology class, which I am sure will be very beneficial to my insight and a career in geology that I very much want to be apart of. I also have taken more geology classes including GS 410 water in the hydraulic basin which dealt with surface and subsurface stream flow, GS 420 Global Oil and Nat. Gas, GS 203 Environmental Geology, GS 210 Energy and Resources including minerals, GS 550 Geomorphology, and GS 617 Vulcanology. In GS 420 we studied how organic molecules break down and produce petrochemicals. We also discussed how oil is formed in the oil window and how it moves through the subsurface. Also we learned how oil and natural gas is made from kerogen and how it is confined in the rock layers. I also learned the concepts of oil distillation and how crude oil is refined and separated into many different components of petrochemicals. I also have completed a minor in Studio Art. I have experience with hand made images, photography, digital manipulation, and drawing. I have also taken a college level drafting class, which includes hand drawings as well as three-dimensional models (CAD). I also have had a yearlong drafting class in high school.

**Job experience** I jobs of various skill levels. They have been mainly a means to pay for my continuing education at Ohio State University. My first job was during

High School. I worked at Grapevine Pizza. Which is located in Pickerington, Ohio. Their phone number is 614-837-2108. I more recently have been working mainly summer full time jobs as an Automotive Technician; changing oil, tire work and installation of new parts at the Tire Lube Express, a division of Walmart. Their phone number is 614-367-1023. I have worked this type of a job for the past three summers to earn money for school tuition, books as well as other expenses. I also had a three-month trail position working as a Staff Scientist for Civil and Environmental Consultants Inc. My duties were ground water sampling and gathering information for the solid waste group. Duties included stream flow measurements, water levels, and physical measurements: (ph, temp. conductivity, etc.). As well as downloading data from ground water level fluctuations, that was measured by sensory equipment.

**Research experience**

The Ohio State University          Columbus, Ohio

**Research Assistant**

- I also have worked for The Ohio State University with Dr. Scott Bair. He is professional hydrologist. I helped develop a case study and class about Woburn, Massachusetts. Which has to do with water contamination of the civil water supply by toxic waste chemicals being dumped illegally.

**References**

Dr. Scott Bair    614-292-6197

Dr. Kevin Svitana    614-329-2036

Dr. Keith Layton    1-623-521-3710

**Objective**

I would like to start a career in the field of geology that could lead me to doing something truly special. I would like to have a career were my actions lead to a better understanding of the earth and all of its aspects. I am a willing and hard worker and I want to have a good career with many opportunities and the ability to move up. Many fields of geology interest me, including new discoveries of fossils, resources, and the environment. I also hope to use my many diverse skills in the occupation I acquire and to help society to better understand where we are heading in the future.

**Interests and activities**

I have many interests, including fossil hunting on my own as well as class field trips, including returning to more fossil trips with previous classes. I enjoy hiking and general outdoor exploring as well as learning new thing weather by experience or in a lab. I also am somewhat of an automotive enthusiast, and like to think of ways to improve my car's performance and style. This hobby has taught me very useful and practical skills for maintenance and repair. I have mostly learned from my father who is a professional mechanic for the city of Whitehall. I have learned from one of the best, as he maintains police, fire, emergency, and city vehicles. The world is changing and fossil fuels are running out, I know things can't stay the same and new vehicles that are geologically friendly are needed. I also am somewhat of an artist. I have always enjoyed art, weather it be drawing or another type of media. I have also been interested in design and drafting. Which I have also done somewhat on my own, as well as taken college and high school courses

in. I enjoy art and science and the two I believe can work to better our existence while not negatively affecting the world.

When I was younger, as a child I was very interested in fossils especially Dinosaurs, however where most children passes through the phase; I researched and learned detailed facts about them and earth's history and the changes it has undergone. Even before the age I could read I was already extremely interested in the earth, fossils and all things nature that surrounded me. In my youth I wanted to be a paleontologist; now I have regained my interest in the many fields of geology and learning new information. Geology is what I was born to do, or at least use my knowledge and the experience I hope to gain to better the world and the human situation without hurting the balance, along side discovering new truths about earth and the universe we are apart of.

**Awards received**

I graduated from High School with Honors, with classes for college preparatory. Excellent attendance certificates earned throughout high school. College attendance has also been excellent. I also have earned my Associate of Arts Degree within my first two years of college. I also have received collegiate recognition of achieving a grade point average worthy of the Dean's list Multiple times. I have now graduated with my Bachelors Degree with a major in geology and a minor in studio art.