Zach Wadhams

Interested in the role of an Intern where I can contribute my analytical skills and knowledge acquired by relevant experience and pursuing a degree in Computer Science.

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EXPERIENCE

Information Technology Core, Helena, MT—
Delivery Driver/Intern

February 2018 - August 2019

Made frequent deliveries to dozens of State agencies. Cleaned the facility and got hands-on training with various computer applications (ConnectWise Manage) and operating systems. Left this position to attend college at Montana State University

Anderson ZurMuehlen Technology Services, Helena and Bozeman, MT

May 2020 - April 2021 (IT Intern)
May 2021 - Current (Part-Time PowerCloud Specialist)
Gained experience in Cloud Computing through working with Virtual Machines and Live Web Services. Got first hand experience working in a team-oriented environment and collaborating with other teams to bring a top notch experience to our clients and users. I was a member of the PowerCloud team which maintained our 1700+ virtual machines in our network and added or removed and recomposed when needed. Helped train new hires and newer interns on our systems and how AZTS operates.

Montana State University Robocats (Robotics club), Bozeman, MT - Software Developer

June 2020 - Current
Member of the Montana State University Robotics club. Part of the software development team in charge of developing the software that will allow our aquatic robot to work while controlled by a user and also work autonomously by using computer vision and a hydrophone to detect its surroundings and adapt. Languages used on our robot are Python, C, and Ardiuno.

Montana State University (MSU), Bozeman, MT - Teaching Assistant

January 2021 - Current

Spring 2021 -CS 145 Web Design

Fall 2021 - CSCI 112 Programming with C and C++

SKILLS

Works well with people and can synergize with them. Able to listen to instructions and carry them out to the best of my ability. Will always respond to constructive criticism in a formal and polite manner. Firm believer that anyone can grow and the best way to do so is to act like a sponge when around new information.

AWARDS

Capital High School Swim Team Captain (2017-2019) Recipient of the 2019 Joey McKeon Memorial Scholarship.
4 time Academic all-state selection in swimming.
4 year varsity letterman in swimming.

EDUCATION

Capital High School, Helena, MT — *Diploma*

Graduated magna cum laude in June 2019 with an overall 3.865 GPA.

Montana State University (MSU), Bozeman, MT - *Bachelor's Degree* (Expected Graduation: Spring 2023)

Started on Computer Science - Professional track in fall of 2019. Current Cumulative GPA: 3.65

TECHNICAL SKILLS

Knowledge of Java, C, C++, C#, Python, HTML, CSS, R and R markdown computer programing and markup languages

Possesses elementary knowledge of several other languages such as Dart, Fortran, GO, Kotlin, Lisp, and Prolog.

Knowledge of troubleshooting peripherals, servers for issues

Experience with LaTeX and Tex in creating appealing and easy to understand documents

Knowledge of Linux and working with the command line.

Understanding of the design of algorithms based on different data structures and their algorithmic complexity including time complexity

Experience with general PC settings and installing updates and the maintenance of servers, cloud computing hardware and software, and Virtual Machines

Experience using Git to collaborate with fellow developers

Experience collecting large amounts of data for analysis in order to improve Virtual Machines and other Cloud Computing related tech like down servers, Virtual Machines in maintenance mode, and stalled services

GitHub Link : https://github.com/zwadhams

This is a link to my personal GitHub repository. From here you can view projects I have worked on and code that has been written by me.

ACHIEVEMENTS

Chosen to represent Montana 2 years in a row at the BPA National Leadership Conferences (2018 and 2019) in Dallas, Texas and Anaheim, California

One of 11 Computer Science Undergraduates selected to go on the 2020 Spring Break Tech Road Trip to Seattle through the Gianforte School of Computing at MSU.

Made the President's list for Montana State University in the Spring of 2020. Dean's list for Fall 2020.

Business Professionals of America (BPA)

Member from 2017 to 2019. Placed 3rd in PC Servicing and Troubleshooting and 8th in Network Security at the 2018 state BPA competition in Billings, Montana. Qualified attended the 2018 BPA national competition in Dallas, Texas. Placed 2nd in PC Servicing and Troubleshooting and 4th in Network Security at the 2019 BPA state competition. Qualified for the 2019 BPA national competition in Anaheim, California.

National Society of Collegiate Scholars (NSCS)

Was extended an invitation to join the Montana State chapter and was inducted on April 30th, 2020. Less than 10% of college students in the United States are invited to join.

Association for Computing Machinery (ACM)

Member of MSU's ACM club. Attended most meetings and attended some classes such as the GitHub training by Tim Parrish.

ACTIVITIES

Special Olympics of Montana (2018-2019)

Volunteered to help set up the Special Olympics state conference in 2018 and 2019 through the Capital High School chapter of BPA.

Helena Food Share (2020-2021)

Helped with the Helena Food Share "Stamp out Hunger" Program. This involved collecting and sorting various food items at their facility.

Prickly Pear Land Trust (2017-2019)

Helped Prickly Pear Land Trust with trail maintenance and riparian habitat restoration.

Capital High Swim Team (2015-2019)

Team captain for 2 years (2017-2019). Helped teach and train younger and less experienced swimmers throughout the seasons. Responsible for keeping an upbeat and positive attitude regardless of the situation. Attended the state swim meet all 4 years of highschool.