

DOUGLAS RUDY

2414 Pleasant Ridge Road, Wooster, Ohio 44691
330-641-8674 | GitHub: dmrudy17 | dmr136@uakron.edu

EDUCATION

The University of Akron, Akron, Ohio

Bachelor of Science in Computer Science – Systems

August 2017 – Present

Dean's List (2 semesters)

GPA: 3.9/4.0

Expected Graduation: December 2022

Associate of Science

Graduated: December 2019

Dean's List (3 semesters)

GPA: 3.9/4.0

TECHNICAL SKILLS

Calculus, Trigonometry, Discrete Mathematics, Applied Statistics

Languages: C++, Java, Javascript, HTML, CSS, CMake

Technologies: Visual Studio, Git, SVN, React.js, Vue.js, WSL, Docker, Jenkins, CircleCI, Microsoft Azure

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals

RELEVANT PROJECTS:

Internet Systems Programming, Homegrown Herbs- Completed December 2020 (<https://isp-term.web.app/>)

- Utilized the React framework to create a cloud-based shopping web application which manages users
- Experimented with Google's Firebase API as a way of forming collections of products and managing login information
- Realized the capabilities of Sass as a CSS extension to design dynamic web pages

Object Oriented Programming, srcFacts- Completed May 2020

- Refactored code which leverages srcML to parse C++ source code with the goal of increasing its modularity, extensibility, reusability, and maintainability
- Utilized techniques of good design and coding style learned in class to aid in writing efficient methods as well as choosing the most efficient containers and library functions
- Experimented with OOP design pattern principles to gain an understanding of how to implement new or change existing code to solve specific concerns

WORK EXPERIENCE

Sales Associate, Litehouse Pools & Spas of Wooster, Ohio (30+ hours out-of-school/15-25 hours during semester) May 2017-Present

- Apply knowledge of pool supplies, chemicals, and accessories to educate customers on proper pool care, water chemistry, and finding the best product for their pool
- Work with other store associates to manage over 400 customers in two days during the largest store sale each year, answering customer questions, advising on products, and assisting with purchases
- Teach first-time pool owners how to open and maintain pools and manage water chemistry
- Troubleshoot issues for customers, most often involving algae-infested or metal-filled pool water, with the result of safe, clear, and soft swimming water

ORGANIZATIONS

Member, Association for Computing Machinery

February 2019-Present

- Tasked with weekly problem sets testing my ability to solve problems in a timely and efficient manner
- Collaborate with club members to gain different perspectives and approaches toward many problems

Member, National Society of Collegiate Scholars

January 2018-Present

Volunteer, People to People Ministries, Wooster, Ohio

May 2015-August 2015