Drew Raymond Williams

williams.r.drew@gmail.com | 631-398-8085 | Vestal, NY | jreneew2.github.io

EDUCATION

SUNY UNIVERSITY AT BUFFALO | BS Computer Science Buffalo, NY | August 2016 - May 2020

Major GPA: 3.21

Relevant Courses: Intro to Algorithms (In Progress), Computer Organization, Digital Systems, Data Structures, Intro to Computer Science I & II, Computer Science Seminar

VESTAL HIGH SCHOOL | Scholars Diploma Vestal, NY | September 2012 - June 2016

WORK EXPERIENCE

LOCKHEED MARTIN | Software Engineering Intern Owego, NY | June 2018 – August 2018

- Helped fixed software bugs in mail sorting system and wrote scripts to automatically change large configuration files.
- Tested Mail Imaging System as well as fixed broken tests to be updated with newest release. Allowed team to catch up to orginal release time.

LOCKHEED MARTIN | Software Engineering Intern Owego, NY | June 2017 – August 2017

- Created a C# application to help users verify software versions and dependencies by importing CSV file and verifying characters limits, duplicates, etc.
- Ran software verification procedures on graphics boards for formal testing.
- Worked on a team with other interns to design, build and program a fully autonomous robot based on requirements given to us at the start of the internship.

LOCKHEED MARTIN | Enterprise Business Services Intern Owego, NY | June 2016 – August 2016

- Created a web application that tracks user's requests for new devices such as laptops and phones in order to decrease load on managers.
- Usage of SQL queries and databases to pull data into C# backend.
- Created a Tableau dashboard to see usage statistics for different projects.
- Worked with a team of interns and supervisors to present project to stakeholders.

SKILLS

Experienced In: Java, C++, C#

Familiar With: Python, HTML, CSS, Javascript, SQL

EXTRACURRICULAR ACTIVITY

LOCKHEED MARTIN CODE QUEST | TEAM MEMBER

• Solved complex coding problems with other students and learned to parse files for data values and file I/O.

FIRST ROBOTICS COMPETITION TEAM 2053 TIGERTRONICS | ALUMNI AND MENTOR

• Software Team Lead in implementation ofreal time control, PID loops, vision system, and motion control feedback loops.

• Engaged in fundraising and public relation activities including a presentation at New York State Technology Educators Conference and Union Endicott Elementary School presentations.

AWARDS

3RD PLACE Lockheed Martin Code Quest | April 2016

INNOVATION IN CONTROL AWARD Pittsburgh FIRST Robotics Competition | March 2016