**Andy Sierzchula**

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**OBJECTIVE:**

An internship that will give me the opportunity to exercise my problem solving and programming knowledge, contribute to development of a real world product, and help improve my computer science skills in a non-academic setting.

**EDUCATION:**

* George Mason University, Fairfax County VA Bachelor of Science in Computer Science, May 2020 (Rising Senior)
* Westfield High School, Chantilly VA: Diploma with Honors, June 2016 GPA 3.9/4.0

**COMPUTER SCIENCE COURSEWORK:**

Intro to Computer Programming; Object Oriented Programming; Intro to Low Level Programming; Data Structures; Formal Models and Methods.

**PROJECTS:**

* Programming Project: Text File to Database Work (2017)
  + Used Python to sort data from a text file into an multidimensional array database.
* Programming Project: Recreating Data Structures (2018)
  + Creating and implementing several data structures in java, including ArrayLists, Linked Lists, Data Trees and Disjoint Sets.
* Programming Project: Image Recoloring (2018)
  + A java project which takes an JPG image file, differentiates and sorts colors by pixel into disjoint sets, and recolors a specific range of color.
* Lower Level Programming Project: The Enigma Cypher (2019)
  + A project in which I recreated the encryption process of the famous Enigma Cypher in the C language.

**EXPERIENCE:**

* Certified Trainer/Backline Coordinator at Potbelly Sandwich Co. Chantilly (April 2016 -August 2018):
  + Trained new employees in sanitation, making food and handle industrial machines. Worked with a team to meet deadlines for many customers.

**TECHNICAL SKILLS:**

* Proficient in Python.
* Highly proficient in Java (5 years experience).
* Proficient in C.

**ACTIVITIES:**

* High School Drumline(2012-2016)
* Drumline Co-Captain(2015)
* Drumline Captain(2016)
* Marched in the Rose Parade in Pasadena, California(2014)