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## OBJECTIVE

Senior at the University of Bridgeport pursuing a double major in Computer Science and Mathematics. I am looking for college grad Full Stack, Web Development, or Backend software engineering full-time positions in 2021.

## EDUCATION

University of Bridgeport, Bridgeport, CT USA

B.S. Computer Science and Mathematics

Expected Graduation: May 2021

GPA: 4.00 / 4.00

## WORK EXPERIENCE

Software Engineer Intern

May – Aug. 2020

*Pure Storage*

Remote – Bridgeport, CT

- Working on middleware services improving testing turnaround (more details after I get clearance).

Undergraduate Research Assistant

May – Aug. 2019

*Washington University in St. Louis*

St. Louis, MO

- Developed highly vectorized scripts and performed data cleaning and visualization using 3D graphics in MATLAB.
- Implemented a heuristic based on the Maximum Likelihood Estimation (MLE) algorithm to locate a gamma-ray source on the sky using data from Compton Scatter photon event reconstruction

## TECHNICAL SKILLS

- **Languages:** Python, Go, Java, C#, SQL, MATLAB, JavaScript.
- **Software:** HTML5, Bootstrap, CSS, SCSS, NodeJS, NPM, Gulp, Git, Docker, MySQL, Postgresql, PostgREST, Maven, Java agents, AspectJ.
- **Relevant courses:** Deep Learning, Computer Vision, Data Structures, File Structures, Algorithms, Database design, Data and Computer Communication, Functional Programming, Object-Oriented Programming, Computer Architecture.

## PROJECTS

Multi-threaded Prime Counter (coursework)

*Built using:* Java, IntelliJ

- Developed a program that efficiently store records of class instances using a binary file partitioned into fixed-size blocks to improve reading and writing times by taking advantage of the underlying byte addressable memory

UB Registration System (coursework)

*Built using:* Python, MySQL, SQL, GCP

- Developed a python-based command line application that connects to a database in GCP and simulates the registration system at the University of Bridgeport.

## ADDITIONAL ACTIVITIES

- Facebook Data Challenge, East-Coast Finalist, 2019
- ICPC Greater NY Participant 25/65
- University of Bridgeport Programming Club, Co-founder & Vice-president.