

GUKYOUNG AN

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EDUCATION

University of Bridgeport

Anticipated Graduation: June 2018

Bachelor of Science in Computer Science

Cumulative GPA 3.725/4.0

HONORS

- **President's List, University of Bridgeport**, Fall 2015 - Spring 2016
- **Dean's List, Fairfield University**, Fall 2014 - Spring 2015

RELEVANT COURSEWORK

Programming Languages, Fundamentals of Algorithms, Advanced Data Structure & File Structure, Technical Writing, Analytical Calculus, Engineering Project Management

TECHNICAL SKILLS

Programming Languages: Java, HTML, Python

Operating Systems: Windows

Applications: Microsoft Office, Google Docs, LibreOffice

PROJECTS

File Structure Program

Fall 2015

- Created a program that holds records in linked-block form and receives instructions to add, remove, or find a record.
- Experimented with various ways to manage record that optimizes flexibility, efficiency, and saved memory space.

Genetic Algorithm Program

Fall 2015

- Created a program that solved for the coefficients of a multivariable function by generating, selecting, and breeding a population of coefficient vectors until an answer was found.
- Discussed how to tweak population number, selection criteria, and breeding method to improve speed and prevent vector homogeneity.

CanSat Competition Project

Spring 2017

- Acted as lead for the computer science team, scheduling meetings across time zones, setting team goals, and coordinating team efforts.
- Programmed in Java and Arduino C, and familiarized with antennas and Github.

RELEVANT WORK EXPERIENCE

Computer Intern

September 2012 – June 2014

Bridgeport International Academy

Bridgeport, CT

- Maintained and replaced the hardware of school's computers.
- Assisted others with computer troubles and programming their own code.

JOB HISTORY

Tutor (Math/Computer Science)

Fall 2015 - Spring 2016

University of Bridgeport

Bridgeport, CT

- Exercised patience and redirected tutees' frustrations to a positive, productive mindset.
- Guided students on how to work with the tutoring program and served as an active recommender.

EXTRACURRICULAR ACTIVITIES

Fairfield WVOF Radio Club, *Host*, Fall 2014 - Spring 2015

Math Club, *Treasurer*, Fall 2015 - Present

NSBE, *Member*, Fall 2015 - Present

Aerospace Club, *Member*, Fall 2016 - Spring 2017