

Sangyun Kim

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Education

Boston University - Boston, MA

Sept 2023 - Expected Graduation Jun 2025

Bachelor of Art in Computer Science

- 4-year program with a focus on software engineering and data structure
- GPA: 4.0
- Relevant Courses: Advanced Algorithms, Comp Arch & Org, Intro Engineering

University of Massachusetts Boston - Boston, MA

Sept 2021 – Sept 2023

Bachelor of Science in Computer Science (ABET Accredited)

- 4-year program with a focus on data structure
- GPA: 3.789
- Relevant Courses: Intermediate Computing with Data Structures, Programming in C
- Honors/Activities: Dean's List, Merit Scholarship

United States Army Ordnance School – Fort Lee, VA

Graduated Apr 2021

Advance Individual Training

- 12 week-program with a focus on maintaining wheeled vehicles, associated trailers and material handling equipment systems
- Relevant Courses: Automotive Electricity, Automotive Transmissions and Transaxles, Brake Systems, Diesel Engines, Steering and Suspension Systems
- Honors/Certificates: Refrigerant Recovery / Recycle Qualification (Section 609), Personal Financial Management

Skills

Technology:

- Python | Java | C
- Assembly Language
- HTML | CSS | React
- JavaScript
- Microsoft Office (Word, Excel, PowerPoint, Outlook)

Equipment:

- Heavy-Duty Crane
- Winch Retrieval System
- Refrigerant Recovery

Practical:

- First Aid And CPR
- Fluent in English
- Native Korean Speaker
- Marksmanship
- Self-Defense

Security Clearance:

- ANACI-T3

Projects

Web Address – Independent Study / Personal Website

May 2023

- Developed personal website using React JS, CSS, and HTML
- Increased responsiveness of the website (desktop and mobile friendly)
- Link to personal [website](#)

Map Routing A-star Algorithm – Academic Study

Apr 2023

- Implementing shortest route from start node to end node using A-star version of Dijkstra algorithm
- Modifying Greedy Algorithm to decrease the runtime

Annual Training - Military Assignment

Jul 2021 - Current

- Worked in 94th MP Company to inspect, service, maintain, repair, and test HMMWV, MTV, LMTV, and FMTV for 382nd Brigade
- Experienced Field Training
- Assisted Close Quarter Combat and hostage rescue scenarios alongside Military Police

Work Experience

United States Army Reserves – Londonderry, NH

Jul 2020 - Current

Wheeled Vehicle Mechanic

- Supervising and performing maintenance and recovery operations on wheeled vehicles and associated items, as well as heavy-wheeled vehicles and select armored vehicles

Volunteer Experience

Stanley Center for Psychiatric Research at Broad Institute of MIT and Harvard - Cambridge, MA

July 2019

Volunteer

- Learned to score multiple 24-hour EEG and EMG recordings of control and experimental mouse's brain