

# 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
- 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 | Typescript
- 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](https://sangyunkim.space) (sangyunkim.space)

**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 94<sup>th</sup> MP Company to inspect, service, maintain, repair, and test HMMWV, MTV, LMTV, and FMTV for 382<sup>nd</sup> 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