

Tae Hyuk Kim | (Tae Kim)

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EDUCATION

SUNY – Stony Brook University

Bachelor of Science in Computer Science

Specialization in Systems Software Development

Awards: Dean's List: Dec 2022; Jun 2023

Stony Brook, New York

Expected Dec 2025

GPA: 3.75/4.00

SKILLS

Programing Languages: HTML, CSS, JavaScript, Java, Python, C, C++, and R

Office Productivity Tools: Google Workspace, Microsoft Office (PowerPoint, Excel, Word), and Zoom

Language: Proficient in English, Chinese (Mandarin), and Russian, Native Proficiency in Korean

Certifications: FreeCodeCamp Software Engineering, HSK 5 (C1) in Chinese, TORFL 1 (B1) in Russian

WORK EXPERIENCE

Stony Brook University, Division of Information Technology

Technology Maintenance Specialist

Stony Brook, NY

Aug 2023 – Present

- Enhanced functionality for 15+ computer, mobile, and AV systems to conform to departmental standards
- Optimized the setup of 70+ classrooms and laboratories to their designed settings
- Resolved 30+ documented issues from support staff
- Wrote 3+ succinct daily condition reports for review by supervisors

T-Stem Co., Ltd.

Planning Intern - Summer 2023

Changwon, South Korea

May 2023 – Aug 2023

- Contributed to 3+ international projects, facilitating seamless progress as required
- Collected and analyzed data for planning, identifying trends, and offering insights for decision-making
- Provided interpretation for 120+ hours in English, Chinese, and Korean for written texts and live presentations

Republic of Korea Navy

Petty Officer Second Class

Changwon, South Korea

Aug 2020 – Apr 2022

- Instructed 30+ new crew members for operational readiness
- Offered technical assistance to maintain optimal functionality of mechanical systems on a naval vessel
- Utilized advanced Excel skills to efficiently gather, organize, and report large datasets

PROJECTS

github.com/TaeKim99

E-Dictionary, *Data Structures*, Java | BigData

- Created an $O(1 + a)$ time complexity word-meaning retrieval system using a HashMap search algorithm in the E-Dictionary Java application for Big Data

BTreeRunner, *Data Structures*, Python

- Implemented a B-tree with search, insertion, deletion, and visualization functionalities. Addressed node splitting challenges in BTreeRunner for optimal balance, exploring balancing algorithm optimizations

To-Do List, *Personal*, HTML | CSS | JavaScript

- Developed a dynamic to-do list web application. Allowed users to add, edit, and delete tasks, providing a seamless user experience. Utilized modern design principles and responsive web design for optimal usability

AWARDS

Grand Prize Winner, Chinese Speech Contest

Secured 1st place and recognized for exemplary public speaking prowess and exceptional language proficiency

Chinese Embassy in Seoul, South Korea

Jun 2017