

Yeon Lee

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EDUCATION

GEORGIA TECH

BS IN COMPUTER SCIENCE

Aug. 2021 - Dec. 2024 | Atlanta, GA

College of Computing

Highest Honors

GPA: 3.9 / 4.0

LINKS

Personal Github:// [yeonholee50](#)

Academic Github: // [ylee726](#)

LinkedIn:// [yeon-lee](#)

COURSEWORK

Data Structures and Algorithms

Computer Networking I

Computer Vision

Object Oriented Programming

Game AI

Project Design + Implementation

Computer Organization and Program

Systems and Networks

Design and Analysis of Algorithms

Artificial Intelligence

Prototyping Intelligent Devices

Automata and Complexity

SKILLS

PROGRAMMING

Programming Languages:

Python • Java • C/C++ • JavaScript

HTML/CSS • TypeScript • NoSQL • PHP

• VHDL

Web Development:

React • Linux • Apache • MongoDB •

Bootstrap • jQuery • Django • RESTful

API

Technologies:

Git • Jira • GCP • Docker

EXPERIENCE

LYMPHATECH | JUNIOR DESIGN SOFTWARE ENGINEER

Aug 2023 – Dec 2023 | Atlanta, GA

- Designed and implemented a **full stack solution** for an automatic and highly accurate measurement algorithm of manually placed facial features using a patient's scan.
- Utilized Jira as the project management tool to adhere to agile development principles and performed as SCRUM master during bi-weekly sprint meetings.
- Devised and deployed the infrastructure of feature selection using KNN with points generated from Open3D's point cloud library.
- Set up a CI/CD pipeline and exceeded requirements in each stage, which lead to the application being showcased during a live demonstration.

COLLEGE OF COMPUTING, GEORGIA TECH | UNDERGRADUATE TEACHING ASSISTANT

May 2022 – May 2023 | Atlanta, GA

- Assessed students' understanding of fundamental data structures and algorithms.
- Guided students during recitation and held office hours to help debug programming issues.
- Created a novel cheat detection algorithm that raises flags.

PROJECTS

BRAINSTORMING BUDDY | BACKEND DEVELOPER

Jan 2022 – Present | Atlanta, GA

Designing and fully implemented **Brainstorming Buddy**, a Slack bot designed to facilitate brainstorming sessions and inspire creativity within teams.

POSTED NOTES PLATFORM | JUNIOR FULL STACK DEVELOPER

Jan 2022 – Present | Atlanta, GA

Worked with the Create-X Start-Up Program to create **Posted Notes**, a platform designed to foster an ethical and cost-effective environment for students to share and access academic notes.

MELODYBOX | FULL STACK DEVELOPER

Jan 2022 – Present | Atlanta, GA

Created my own full stack project called **MelodyBox** which allows users to download youtube songs and organize them into user-oriented playlists.

COST-EFFECTIVE BIG-DOG ROBOT | LEAD PROGRAMMER

Mar 2023 – Dec 2023 | Atlanta, GA

Led the development team for CS 3651 for a more cost-effective **Big Dog**, an innovative robot designed to provide cost-effective and efficient luggage transportation solutions.

AWARDS

2023	1 st /34	CS 3651 Robotics Showcase
2022	4 th /767	CS 3600 AI Isolation Player BotFight Tournament
2022	11 th /767	CS 3600 AI A* Race Challenge
2019	25 th /362	Georgia Tech Math Competition