Yeon Lee

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EDUCATION

GEORGIA TECH
BS in Computer Science
Aug. 2021 - Dec. 2024 | Atlanta, GA
College of Computing
GPA: 3.9 / 4.0

LINKS

Personal Github:// **yeonholee50**
Academic Github: // **ylee726**
LinkedIn:// **yeon-lee**

COURSEWORK

Data Structures and Algorithms
Object Oriented Programming
Computer Networking I
Computer Vision
Cryptography
Game AI
Project Design + Implementation
Computer Organization and Program
Computer 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 • MySQL • NoSQL • PHP •
VHDL • Swift
Web Development:
React • Linux • Apache • MongoDB •
RESTful/Rapid API • BootStrap • jQuery •
Django
Technologies:
Git • Maven • Jira • AWS • GCP • Docker
• Figma

EXPERIENCE

LYMPHATECH | Junior Design Software Engineer
Aug 2023 – April 2024 | Atlanta, GA
- Designed and implemented a secure **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

COST-EFFECTIVE BIGDOG ROBOT | Lead Programmer
Mar 2023 – Dec 2023 | Atlanta, GA
Led the development team for CS 3651 for a more cost-effective **BigDog**, a four-legged robot designed to provide cost-effective and efficient luggage transportation solutions.

POSTED NOTES PLATFORM | Junior Full Stack Developer
Jan 2023 – 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.

BRAINSTORMING BUDDY | Backend Developer
April 2024 – Present | Atlanta, GA
Designing and fully implemented **Brainstorming Buddy**, a Slack bot designed to facilitate brainstorming sessions and inspire creativity within teams.

MELODYBOX | Full Stack Developer
Jan 2024 – May 2024 | Atlanta, GA
Created my own full stack project called **MelodyBox** which allows users to download youtube songs and organize them into user-oriented playlists.

AWARDS

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