

'John' Hakan C. Gunerli

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Education

Georgia Institute of Technology | Atlanta, GA

January 2022 – May 2023

BS in Computer Science/Robotics Minor, Threads: People & Intelligence, Research Option

University of Georgia | Athens, GA

March 2021 – December 2021

BS in Computer Science: Emphasis in Data Science & AI, GPA 3.8

Dean's List, Research Assistantship Stipend, Research Lab Fellowship

Georgia State University- Honors College | Atlanta, GA

May 2019 – March 2021

BS in Computer Science: Emphasis in Data Science, GPA 3.8

President's List x3, Dean's List x3

Experience

University of Georgia

August 2021 – December 2021

Undergraduate Researcher: Innovation Laboratory Fellow

Athens GA

- Virtual Factory project is a 3D immersive representation of the laboratory located at the newly built STEM Research Building at the University of Georgia. The lab is equipped with several Turtlebots and a UR10 industrial robot.
- Wrote scripts that helped a Raspberry Pi communicate with between the robot which is moving real time and is also being represented at Unity in a Virtual 3D representation done through several scripts and models in Unity that is representation of real-time movement in the Laboratory.

University of Georgia - Heterogeneous Robotics Research Laboratory

August 2021 – December 2021

Undergraduate Research Assistant: Human-Robot Interaction

Athens GA

- Mentored by Professor Ramviyas Parasuraman. Principal Investigator: Nazish Tahir
- Created scripts to teleoperate and map simultaneously (SLAM) using gmapping software in ROS.
- Assisted with lab chores including preparing ROS software workspaces for operating and running robots.
- Worked collaboratively with graduate students and faculty to troubleshoot research obstacles.

University of Georgia

August 2021 – December 2021

CiliaWeb Undergraduate Student Assistant

Athens GA

- CiliaWeb: Integrated platform for foundational and reproducible ciliary beat pattern analysis. member of the NSF Funded project's Web Development Team, mentored by Professor Shannon Quinn.

Turkiye Is Bankasi

September 2020– October 2020

Software Engineer Intern - Payment processing

Istanbul, Turkey

- Worked with a team of 5 engineers on POS orchestration software.
- Used C# in the backend and Angular in the frontend to create a visual JSON connection program.

Projects/Leadership

tal-labs (Defunct Startup) | JavaScript, React, Python

September 2019- July 2021

Made up of a team of 6 Software Engineers, tal-labs aimed to provide services for people who just need more management and order in their lives.

- Backed by Georgia State Incubator Program, LaunchGSU.

Peero (Startup) | JavaScript, React, Tailwind

January 2021- August 2021

Managed projects and programs which combine software, hardware, and internal communication within the team.

- Make decisions regarding software build content and timing with the CTO.
- Responsible for the strategic product direction, creating a product roadmap, and collaboration/lead of the business team. Worked with the in-house designer in the UX for the demo launch application.
- Measure impact and establish metrics for programs to manage risks and make informed decisions on subsequent actions.

Skills

Languages Python, Java, C, C++

Technologies: ROS

Platforms: Linux (Ubuntu, Debian), Windows, MacOS

Languages: English (fluent), Turkish (fluent), German (beginner), French (beginner), Hebrew (beginner)