

Taha Z. Kiani

tahak.fun | tahakiani017@gmail.com | [LinkedIn](#)

Summary

Computer Engineering student with experience in full-stack development, AI-powered solutions, and software development. Skilled in Java, Python, TypeScript, JavaScript, React, HTML & CSS, with a passion for creating impactful and efficient software solutions while exploring emerging technologies.

Education

Commonwealth Honors College of University of Massachusetts Amherst

Graduation: May 2027

Bachelor of Science in Computer Science and Minor in AI & Mathematics

Springfield Technical Community College

Graduated: Dec 2024

Associate of Engineering & Science in Computer Science with Commencement Honors

Work Experience

STCC | STEM Lead Tutor & Supplemental Instructor

Jan 2024-Present

- Hired and mentored tutors, leading weekly meetings to enhance tutoring strategies. I also tutor Calculus, Computer Science & Physics courses which helps increase student engagement. I'm also a supplemental instructor for Java Programming & Classical Physics 2 where I offer weekly review sessions and in-class help to the students.

Snapchat (Snap Inc.) | Software Developer Extern

Mar – Apr 2024

- Designed a baseball-themed AR lens incorporating Snap's Lens Studio and 3D modeling and launched a Snapchat lens inspired by Reebok and soccer, compatible with iOS and Android, gathering views from 100+ countries.

Headstarter AI | Software Engineering Fellow

July – Sep 2024

Software Engineering Fellow

- Built and deployed 3 projects using React JS, Next.js, Firebase and Vercel, following agile methodologies with weekly sprints and incorporated CI/CD practices for iterative deployment.
- Built a multilingual Text to Speech Converter using Google Cloud API powered by React, TypeScript and PHP.
- Deployed a weather app that has Real-time weather information with temperature conversion and detailed weather metrics using OpenWeatherMap API and powered by Javascript, HTML5, CSS3.

IBM Corporation | Cybersecurity Intern

Aug 2023

- Attended various training sessions and mentorship meetings
- Developed a proposal for vulnerabilities within websites
- Collaborated with a group of 4 other interns to develop and present the WBLA Vulnerability Report

Agawam High | Information Technology Intern

Jan - June 2023

- Collaborated with the IT department at Agawam High School, providing support in resolving technical issues faced by students. This included conducting repairs on malfunctioning computers, diagnosing the root causes of issues, and ensuring all computers remained updated with the latest software and security patches.

Skills

Multilingual (English, Urdu, Punjabi, Arabic, Turkish)
Music/Piano Player

Programming Languages: Java, HTML, Java Script, Python, CSS, C#, C++, SQL, Next.js, React, Node.js, Typescript, PHP

Frameworks: Firebase, OpenAI API, JIRA, Tensorflow, Pandas, NumPy, MangoDB, Contentful, PyGame, Keras

Tools: Microsoft Powerpoint, Excel, Git, Jupyter, Microsoft Eclipse, Attio, Agile, Scrum, CI/CD, Lens Studio, Visual Studio

Certification/Projects

[HackerRank Software Engineer Certified](#), [IBM SkillsBuild Cyber Security Certified](#), [TestOut IT Fundamentals Pro Certified](#), [Red Hat Academy - Program Learner](#), Seal of Biliteracy with distinction

[Github gists](#), [Github open-source project](#)
[Multilingual Text-to-Speech App](#), [Weather App](#)

Activities

- Member of Umass PSO & MSA
- President STCC Ski Club
- Creating Mobile Apps Workshop Instructor for STCC Summer Camps
- Stem Starter Academy member & scholarship recipient
- National Honor Society
- Varsity Boys Soccer and Track & Field Team

Present
Present
July 2024
Present
2022 – 2023
2022 – 2023

Professional References

Taha Z. Kiani

Jason Phillips, STEM Academic Counselor

Springfield Technical Community College

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Professor Tony Silvestri, Professor of Computer Science

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Dr. Vanessa Hill, Professor of Mathematics

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Professor Sharon Sheng, Professor of Classical Physics

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