**Kristian Michael Cook  
misttwist@icloud.com | 718-674-4051**[**LinkedIn**](https://www.linkedin.com/in/kristian-cook-2712862b6/) **|** [**Portfolio**](https://kristiansportfolio.netlify.app/)

Professional Summary

Aspiring Front-End Web Developer with a strong foundation in programming and a passion for creating dynamic, responsive, and user-friendly web applications. I am skilled in HTML, CSS, JavaScript, Python, and various front-end frameworks, with experience in building websites, browser extensions, and collaborative projects. Excited to bring creativity, problem-solving, and a commitment to excellence to innovative projects.

Skills

Languages: HTML, CSS, JavaScript, Python, PHP, SQL, Java, C, jQuery, Git, React, Boostrap, Sass, Excel   
   
Web Technologies: Responsive Design, Web Accessibility, Front-End Frameworks (e.g., Bootstrap), Cross-Browser Compatibility, RESTful APIs  
Tools & Platforms: Visual Studio Code, GitHub, CodePen, Chrome Developer Tools  
Soft Skills: Problem-Solving, Analytical Thinking, Effective Communication, Team Collaboration

Certifications

FreeCodeCamp.org Certification: Front End Development Libraries – June 28th, 2024  
Harvard's CS50 Program Certification: Introduction to Computer Science, December 2nd, 2024

Excel Associate: Microsoft Office Specialist – December 6th, 2024

Expanded Projects

**Personal Portfolio Website**  
Designed and developed a fully responsive personal portfolio using HTML, CSS, and JavaScript.

**FTC Kearns Robotics Website**  
Created a showcase website for the FTC Kearns Robotics team using HTML5, CSS, and JavaScript. Designed a visually appealing interface to highlight team achievements and events. Optimized the site for mobile devices and ensured cross-browser compatibility.

**MistAI (AI Chatbot)**

***Developed an AI-powered chatbot using Flask, Gemini AI, Cohere API, Google Vision API, and more***

* Designed and implemented a multi-functional AI chatbot capable of answering user queries, performing image recognition, and providing fun facts and Easter eggs.
* Integrated Google Vision API for analyzing images and GPT VisionI for text-to-image recognition, improving the bot’s capabilities.
* Created a smooth user interface using Bulma and Font Awesome for aesthetic design.
* Developed interactive features such as weather queries, chatbot conversation flow, and image upload/analysis functionality.
* Optimized the chatbot’s response time and user experience by implementing smooth animations, rounded message bubbles, and a responsive chatbox design.
* Incorporated Zapier for automated workflows to enhance user interaction.
* Ensured the bot's scalability and easy integration with various platforms.

Technical Expertise

Front-End Frameworks: Bootstrap, Bulma, React  
Version Control: Git, GitHub  
API Integration: Fetch API, RESTful APIs

Flask Servers: Using Fly.Io or render to upload my flask apps.

Experience

**Freelance Web Developer & School Coding Club Member**

*April 2017 – Present*

* Designed and developed custom websites based on client requirements, including responsive designs optimized for mobile and desktop.
* Maintained code quality through version control and GitHub repositories.
* I participated in coding challenges and front-end projects, strengthening my web development and problem-solving skills.
* Assisted peers in debugging code and explaining programming concepts, fostering a collaborative learning environment.
* Contributed to building a student-run website for school events.
* Minecraft Modding (Started in 2017): Began coding Minecraft mods at age 7, which sparked my passion for programming.
* Clicker Game Development (2022): Developed a generic clicker game, marking the beginning of my personal projects and solidifying my programming skills.
* Google Maps Clone (Dec 8, 2024): Built a Google Maps clone with globe integration, utilizing APIs and interactive mapping.  
  [View Project]
* Kearns Robotics – 1st Place Connect Award (Dec 14, 2024): Won 1st Place for the Connect Award in FTC 2184 and contributed by coding the Kearns Robotics website.  
  [View Site]
* CS50X Chrome Extension (Nov 9, 2024): Developed a Chrome extension for the CS50X Certification, showcasing the skills learned during the course.  
  [Explore the Extension]
* Mist.AI Chatbot Launch (Feb 8, 2025): Created and deployed Mist.AI, an AI-powered chatbot with interactive functionalities.  
  [More info in the Project Section]

Education:  
Swann Middle School  
*Graduation: June 2024*

Kearns Academy  
*Expected Graduation: June 2028*  
Relevant Coursework: Computer Science, Web Design, App Creation, Cyber Security, Mathematics

**Extracurricular Activities  
FTC Kearns Robotics**  
September 2023 – February 2nd  
• Participated in FTC (First Tech Challenge) and got first place in the connect award.

**Service-Learning Hours (GYC Program)**  
• Completed community service projects, gaining leadership and teamwork experience.

**SEO Scholars**  
• An 8-year college preparation program with workshops on Saturdays and office hours on Wednesdays.  
• Aimed at improving competitiveness for out-of-state college applications.

**Esports (Kearns Academy)**  
• Competing in Mario Kart 8 Deluxe on thenetwork.com.  
• Currently advancing in state-level competition.

**SkillsUSA**  
• Actively preparing for the SkillsUSA Web Development competition, building technical and teamwork skills.

**National Technical Honors Society (NTHS)**  
• Recognized for academic excellence and commitment to technical education.

References

Available upon request.