

Michael Sarfo

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EDUCATION

Kean University BS Computer Science Data Structures and Algorithms, Computer Organization and Architecture	Union NJ <i>Graduation Date: May 2027</i>
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TECHNICAL SKILLS

Languages: Python, Go, Java
Frameworks/Libraries: Requests, FastHTTP, FastJSON, JSON, Flask, CSV, API, Frida, OpenAI
Developer Tools: Git, Github, VS Code, IntelliJ, Linux, Fiddler, MiTM, JADX, Azure

PROJECT EXPERIENCE

HCaptcha Solver <i>Python, Javascript, Web Assembly, Chromedriver, Flask</i> <i>Captcha Solver</i> <ul style="list-style-type: none">Successfully reverse-engineered and automated the solving of HCaptcha text challenges using artificial intelligence and simulated human movements.Utilized OpenAI Chat-GPT model 3.5 to answer all captcha questions.All solved answers are stored in a text file and are reused if the same question reappears.Overcame bot detection by using an undetected chromedriver to generate ‘real’ browser fingerprints and a custom mouse and keyboard simulator to achieve 95% higher captcha scores.	Little Egg Harbor, NJ <i>Jan 2024 - June 2024</i>
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Twitter Auto-Replier <i>Go, FastHTTP, FastJSON, Telegram Webhook</i> <i>Automatic Replier</i> <ul style="list-style-type: none">Developed a program that monitors specified Twitter accounts and automatically replies to any new tweet sent out by them.Integrated automatic retweets and likes via supplied fresh Twitter accounts to boost tweet ranking.Tweet engagements increased by 25%.	Little Egg Harbor, NJ <i>Sep 2023 - Jan 2024</i>
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TikTok API Signatures <i>Python, Java, Frida, Flask, MiTM</i> <i>Signature Generator</i> <ul style="list-style-type: none">Developed a multi-purpose script that hooks onto the TikTok native functions to generate the correct TikTok signatures (X-Gorgon X-Khronos) and simulate device registration used for their API.Uses Frida to hook onto the native functions for signature generation.Implemented Flask to create a local host API to make signature generations simpler.	Little Egg Harbor, NJ <i>Feb 2022 - June 2022</i>
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ACTIVITIES

Tool Development Service <i>Online Service</i> <ul style="list-style-type: none">Launched a commissioned software development service, specializing in automation tools, with total earnings exceeding \$7,000 by 2023.Recognized as one of the most reliable development services within the community.	Union, NJ <i>Sep 2021 - Mar 2022</i>
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ACM (Association for Computing Machinery) <i>School Club</i> <ul style="list-style-type: none">Active member of ACM, engaging in computing events, collaborative projects, and staying current with industry trends.	Union, NJ <i>Sep 2024 - Present</i>
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WORK EXPERIENCE

Wendy’s <i>Front Cash</i> <ul style="list-style-type: none">Provided excellent customer service in a team environment while multitasking. Responsibilities included preparing and serving Wendy’s products, greeting guests, and maintaining a clean space in a fast-paced environment.	Manahawkin, NJ <i>Sep 2023 - April 2024</i>
Bev’s Kake Kafe <i>Help Desk</i> <ul style="list-style-type: none">Provided technical support in a high-demand environment, including routine device and software maintenance to ensure all technology met standards.	Union, NJ <i>Dec 2018 - Jun 2020</i>