MICHAEL GREEN
STUDENT AT UNIVERSITY OF MICHIGAN

📞 **(516) 776-6005** | ✉ **mygreen@gmail.com** | 🖥 **developermgreen.github.io/mikegreen**
🏠 **70 Halyard Road, Valley Stream, NY 11581**

WORK EXPERIENCE

GRIP EDUCATION RESEARCH
DATABASE DESIGN AND IMPLEMENTATION   FALL 2020 - PRESENT
- Developing front end to streamline data input | Designing data structures to support research | Optimizing query times

JUST SERVICE!
CREATOR AND DEVELOPER   SUMMER 2017 - WITNER 2019
- "Just Service!" helps students track community service hours virtually | Features on-screen signing and storage in secure database | Over 20K users | Link: **https://apps.apple.com/us/app/just-service/id1275179198**

SKINNO
FRONT END IOS DEVELOPER   WINTER 2018 - SPRING 2018
- Developed an app where users can scan health care products to see ingredients | Collaborated with company designers to create user interface/experience | Link: **https://appadvice.com/app/skinno/1366952428**

DO CODE! CODING CLASSES   FALL 2017 - SPRING 2020
CREATOR & INSTRUCTOR
- Initiated free coding classes for teens at public library | Created 15+ lesson plans for 40+ classes of 15-20 students
- Won B.E.S.T. and Outstanding Community Service from Nassau County Library Association (NCLA)
- Taught Java to three students with autism in one-on-one environment

UPPERLINE SCHOOL OF CODE: NYC (FLAGSHIP)
INSTRUCTOR   SUMMER 2019 | SUMMER 2020
- Taught 10+ two-week immersive coding courses to 200+ teens, instructing python, javascript, HTML, CSS
- Guided students to overcome problems in app development life cycle

WEB SCRAPING AND AUTOMATION
CREATOR OF TUTORIAL   SUMMER 2019
- Wrote free web automation/scraping e-book for emerging python students | Created complementary website for tutorial practice

HEWLETT-WOODMERE DISTRICT TECH COMMITTEE
STUDENT ADVISOR   FALL 2018 - SPRING 2020
- Selected by the District Tech Committee | Advised teachers and IT staff on student technological needs | Worked on cyber security education

ADDITIONAL EXPERIENCE

WOLVSEC CTF COMPETITIVE TEAM   FALL 2020 - PRESENT
- Compete in CTF (Capture The Flag) competitions | Attend weekly cyber security education meetings

SENIOR-YEAR PROJECT - WIRELESS SECURITY CAMERA   FALL 2019 - SPRING 2020
- Used Arduino and other micro-electronics (servos, wireless adapters, etc.) | 3D printed parts | Programmed using C++

HEWLETT SCIENCE OLYMPIAD
PROGRAM ASSISTANT & ADVISOR   FALL 2019 - SPRING 2020
- Helped run competitive arduino events | Advised 10+ students for various tech competitions

FTC HEWLETT ROBOTICS
HEAD PROGRAMMER THEN ADVISOR   FALL 2018 - SPRING 2020
- Coded in Java | Managed staff of programmers | Later mentored 10+ aspiring coders

DECA BUSINESS COMPETITION   SPRING 2019, SPRING 2020
- Won 2nd place at state level | Moved on to Nationals | Developed my own business plans from original ideas

IAC HACKATHON (D.C)   SPRING 2017
- Developed plans to bring awareness using software | Won 2nd place

SKILLS

- Programming Languages:
  - Swift, Python, Java, HTML/CSS, JavaScript, PHP, Shell Scripting, C, C++, SQL, MATLAB
- SDK/API/Frameworks:
  - iOS SDK, React, Selenium, Bootstrap, jQuery, Firebase, GoogleMaps
- Other Hardware/Tools:
  - Sketch, Xcode, Git, Adobe Creative Suite, Microsoft Suite, Heroku, Eclipse, Arduino, Raspberry Pi
- Some of my small projects:
  - Raspberry Pi web server
  - IR Controls Jammer with Arduino
  - Facebook Bot with Python

CLUBS

UNIVERSITY OF MICHIGAN | 2020-PRESENT
- UROP - Undergratuate research on engineering projects
- Sigma Eta Pi -Professional Entrepreneurship Fraternity
- WolvSec - Cyber Security Club & CTF Competitive Team

EDUCATION

UNIVERSITY OF MICHIGAN
2020-2024
- Major: Computer Engineering
- Intended Minor: Entrepreneurship

HEWLETT HIGH SCHOOL
2016-2020 | HIGH HONOR ROLL

MAKE SCHOOL
8 WEEK IOS DEV. BOOTCAMP | SUMMER 2017

NOBLE DESKTOP
8 WEEK WEB DEV. BOOTCAMP | SUMMER 2018