

MICHAEL GREEN

DEVELOPER, DESIGNER, AND TECH ENTHUSIAST

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WORK EXPERIENCE

GRIP EDUCATION RESEARCH

DATABASE DESIGN AND DEVELOPMENT

FALL 2020 - PRESENT

- Designing front end to streamline data input | Developing data structures to support research | Optimizing query times | Interview researchers to find product fit

JUST SERVICE!

CREATOR AND DEVELOPER

SUMMER 2017 - WITNER 2019

- Developed and designed app to help students track community service hours virtually | Features on-screen signing and storage in secure database | 20k+ users | Endorsed by school districts | Link: <https://appadvice.com/app/just-service/127517919852428>

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 develop UI and UX | Link: <https://appadvice.com/app/skinno/1366952428>

DO CODE! CODING CLASSES

FALL 2017 - SPRING 2020

CREATOR & INSTRUCTOR

- Initiated and managed free coding classes for teens at public libraries across Long Island | Created 15+ lesson plans for 40+ classes of 15-20 students | Won the B.E.S.T. and the Outstanding Community Service award from Nassau County Library Association (NCLA)

UPPERLINE SCHOOL OF CODE: NYC (FLAGSHIP)

INSTRUCTOR

SUMMER 2019 | SUMMER 2020

- Taught 10+ two-week immersive coding courses to 200+ High School and College students, 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 | Developed 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 | Organized cyber security education

ADDITIONAL EXPERIENCE

WOLVSEC - CTF TEAM/CLUB

FALL 2020 - PRESENT

- Compete in CTF (Capture The Flag) competitions | Attend weekly cyber security education meetings

HEWLETT SCIENCE OLYMPIAD

PROGRAM ASSISTANT & ADVISOR

FALL 2019 - SPRING 2020

- Organized 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:
 - Web Server with Raspberry Pi
 - Wireless Security camera using micro-electronics & arduino
 - Facebook Bot with Python

CLUBS

UNIVERSITY OF MICHIGAN | 2020-PRESENT

- UROP - Research guidance for engineering projects
- WolvSec - Cybersecurity club focusing on CTF competitions and education
- Sigma Eta Pi - Professional Entrepreneurship Fraternity

EDUCATION

UNIVERSITY OF MICHIGAN

2020-2024

- Major: Computer Engineering and 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