



Michael B. Parks, PE

*Owner and Chief Geek, Green Shoe Garage
Veteran-owned Small Business*

Mike Parks is a native of Glen Burnie, Maryland. He began his engineering career at the United States Naval Academy as a research assistant in the Department of Weapons and Systems Engineering. He went to on honorably serve on active duty in the United States Navy for nearly ten years before returning to civilian life.

He is the founder of Green Shoe Garage (GSG), an embedded electronics design studio and embedded security research group. He has over 20 years of experience in designing, building, and testing practical solutions for clients in North America, Europe, Asia, and Africa. Fortune 500 companies, academic institutions, and small businesses alike have sought Green Shoe Garage's unique insights and expertise.



Mike produces the Gears of Resistance podcast to advocate for various issues he is passionate about including the Maker Movement, STEAM Education, Open Source, Citizen Science, Digital Citizenship, Ethical Hacking, and Cyber- Physical Security. He is also a member of the Tau Beta Pi Engineering Honor Society, Disabled American Veterans, Open Source Hardware Association and the National Eagle Scout Association. He is a licensed Professional Engineer in the State of Maryland. He holds a Bachelor of Science in Computer Engineering from the University of Maryland, Baltimore County and a Master of Science in Systems Engineering from the Johns Hopkins University. To round out his nerd credentials he also holds an Extra Class amateur radio license (N1HNP). When not sequestered in the workshop or laboratory he loves exploring all aspects of geek culture with his greatest design ever, his very talented daughter Hailey.

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