Britt Shook

Full-Stack Software Engineer | Woodbridge, VA | brittshook.com | [github/brittshook](https://github.com/brittshook) | [linkedin/bshook](https://linkedin.com/in/bshook)

Projects

Hyper-local Air Quality Monitor & API

Developed a Flask-based RESTful API for instant access to hyper-local air quality data measured Raspberry Pi and sensor technology integrated with a PostgreSQL database

OUR Strategies

Developing a full-stack React web app to track community volunteers for an organization advancing environmental justice for rural Black communities in South Carolina

Mahalia Xiaoqi Tattoos

Developed a B2C website for a tattoo artist utilizing HTML, CSS, and JavaScript to accept consultation bookings and establish an online presence

Pride Pac

Designing and developing an HTML5 JavaScript game with a queer flair, inspired by the classic Pacman game, to celebrate the LGBTQ+ community

Work Experience

Designlab Community Advocate   Jul 2023 – Current

Offer expert guidance and facilitate interactive workshops to enhance proficiency with Figma and Framer tools

Deloitte Consulting Consultant, Operations Transformation   Jan 2022 – May 2022

- Spearheaded messaging strategy and UX content to communicate changes to the claims experience during the digital modernization of state Medicaid agency software
- Identified public and stakeholder needs to optimize website content strategies resulting in a 15% increase in user engagement

OptumServe Consulting Senior Research Analyst   Jul 2020 – Dec 2021

- Measured a 20% increase in the click-through rate of a federal agency newsletter after improvements to visual hierarchy, information architecture, and accessibility
- Audited and optimized accessibility of 100+ documents to WCAG & Section 508 standards, ensuring access to critical information for users with disabilities
- Conducted routine website content audits, maintaining current and inclusive language in alignment with style guidelines

USAID Food for Peace Intern   Aug 2019 – Dec 2019

Developed case studies on food assistance programs highlighting insights and successes in transitioning communities from emergency aid to long-term development

Water, Sanitation, and Hygiene (WASH) Institute Project Intern   Jul 2018 – Aug 2018

Developed a trainer's manual for sanitation workers and designed short curricula related to fecal sludge & septage management for the Swachh Bharat (Clean India) mission

Education

University of Virginia B.A Global Development Studies, Minor in Sustainability   Aug 2016 – Dec 2019
GPA: 3.74

Designlab UX/UI Design   Sept 2022 – May 2023

Per Scholas Software Engineering   Oct 2023 – Feb 2024

Languages

Python | JavaScript | TypeScript | SQL | HTML | CSS/SCSS

Tools & Technology

Flask, PostgreSQL, Node.js, Express.js, MongoDB, React, Git, Github CLI, Raspberry Pi, Figma, Framer