

Ben Lepsch

Charlottesville, Virginia | (434) - 987 - 9468 | blepsch@gmail.com | benlepsch.github.io

Objective

Seeking a full-time position as a software engineer starting as soon as possible

Education

- UVA Engineering School class of 2024, Computer Science major, 3.1 GPA (3.3 Major GPA)
-

Experience

- Atlantic Climbing School, Rock Climbing Guide, (05/2024) - (09/2024)
 - Virginia Cyber Navigator Internship, Election Security, (05/2023) - (08/2023)
 - UVA Biocomplexity C4GC Summer Research Program, Research Assistant, (05/2022) - (08/2022)
 - High-Performance Low-Power Lab, UVA/Charlottesville, RFID reader/LoRaWAN developer, (05/2021) - (09/2021)
 - Grome, UVA/Charlottesville, ESP programmer/app developer, (02/2020) - (05/2020)
 - Hilary Bart-Smith's Lab, UVA/Charlottesville, Particle developer, (06/2019) - (09/2019)
-

Personal Projects

- BenBot: a Python-based Discord bot with several different functions, including the ability to save messages to a designated channel, play minesweeper, and unlock my apartment door
 - Drawbot: collaborated with two other UVA students to write code to control a 3D-printer style automated signature machine and wrote a python script to modify .GCODE files for the machine input
 - Grome: collaborated with two other UVA students to design and build an automated plant-watering system controlled via a phone app
 - Bean jump: a browser-based clone of Papi Trampoline, complete with a MySQL database and input-sanitized system to log highscores.
-

Skills

Python, C / C++, Java, C#, HTML / HTML5, JavaScript / TypeScript / Angular / React, CSS / LESS, Bootstrap, MySQL, PHP, Bash, Django, Flask, NodeJS, REST APIs, JSON, Docker, Testing, Selenium, Playwright, Excel, Raspberry Pi, Arduino, ESP8266 / Particle Photon / microcontrollers, Rivanna (UVA supercomputer), Windows & Linux systems, CAD, Git & GitHub, Wireshark, Frontend, Backend, Full Stack, Wiring circuits & soldering, Chrome/Firefox extensions, Auto repair, Rock climbing, First aid