

William Bennett

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rivermont.xyz

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Education

Durham Technical Community College: (Fall 2018–Present) Career and College Promise College Transfer Pathway, GPA (unweighted): 3.571

Bennett Academy Homeschool: (2013–Present) GPA (unweighted): 3.88; GPA (weighted): 4.29

Experience

OpenStreetMap (OSM): (Spring 2018–Present) Volunteer mapper making additions and fixes to an open-source map used by millions. Made 1.5 million changes in over 100 countries, more than 500 hours of work on 515 days. Was one of top 20 editors in the U.S. for 4 months, out of over 500 daily contributors.

Humanitarian OpenStreetMap Team (HOT): (Aug 2018–Present) Volunteer mapper and validator for HOT, which coordinates mappers to assist humanitarian organizations after disasters. Participated in disaster responses following Cyclone Idai, Cyclone Kenneth, the 2019 Bolivia Wildfires, and others.

26th NC Regiment: (2015–2017) Volunteer civil war drummer reenactor. 250th Battle of Perryville, KY; Battle of Latta Plantation, NC; Bennett Place School Days; Bennett Place Candlelight Tour

FIRST Robotics Competition, Team 900: (Fall 2017–Fall 2018) Helped develop a haptic feedback system for robot drivers, attended events and team meetings.

Kramden Institute: (2015–2016) Volunteered computer disassembly and refurbishing.

Skills

Technologies: Python 3, L^AT_EX/BibTeX, Markdown, HTML, CSS, Regex, GIT, JSON, XML, basic Bash/shell scripting; SSH, FTP, torrenting, web scraping; Overpass API/QL; Can read C/C++

Programs: PyCharm, Vim; JOSM and iD editors for OSM; HitFilm; GIMP, Darktable

Computer and OS: Windows GUI/command line; Unix command line, Ubuntu, Debian, Arch Linux; BIOS and U/EFI setup, dual-booting; Webserver administration

Hardware: Computer assembly and disassembly, safety practices, basic electrical and mechanical skills; Raspberry Pi, Arduino

Communication: Slack and Discord, team communication and collaboration; GitHub, issue tracking; Documentation and wiki maintainment

Projects

spidy Web Crawler: spidy is an open-source, highly customizable web crawler written in Python, with over 200 stars on GitHub.

College Heatmap: I created a script that will generate an interactive heatmap of the locations of all college promotional emails I have been sent.

Activities & Awards

Awards: Dean's List, Durham Technical Community College (2018–2019), UNCG Summer Music Camp Conductor's Award (2016)

Music: NC Eastern Regional Orchestra, UNCG Summer Music Camp (x2), John Coltrane Jazz Workshop, Triangle Youth Symphony, Triangle Youth Orchestra, Catbird Chorus

Hobbies: Mapping all the things on OSM, ultimate frisbee, amateur photography, youth group