Software Developer

Nicklaus Willis

Contact

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Language Experience

C#	C/C++	SQL	Python	Assembly
HTML	CSS	SCSS	JavaScript	TypeScript

Experience

2020
Writer *FlyAnvil*
Contributed to lore, world building and minor character story development.

June – July 2020
Web Designer/Developer *Haisten Willis for SPJ*
Designed and coded campaign website using React.js.

Projects

February – March 2022
Comparse *COBOL Math Parser*
Utilizes GnuCOBOL with MPFR for arbitrary precision; interfaces with Discord to parse math statements. Capable of handling large calculations instantly.

January – February 2022
WordBot *Word Usage Analysis*
Uses databases to analyze word usage among users on Discord servers; implements an SQL server through MariaDB to store/retrieve information with TypeScript to interface.

June – July 2016, January – March 2022
NDSA *Nintendo DS Advanced Engine*
Object-based C++ game engine capable of exporting to multiple handheld platforms; uses a customized version of grit to allow for a multithreaded build system.

Education

August 2014 – May 2018
Chapel Hill High School

Skills

- Data Analysis
- Organization
- Problem Solving

Other Interests

Multi-instrumentalist; recipient of multiple awards for performance and participant in district honor bands.