

Connor Poindexter

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Education

Bridgewater College, Bridgewater VA -- Computer Science

Virginia Tech, Blacksburg VA -- Computer Engineering

Software Development Experience

Dynetics, Inc. -- Threat Exploitation and Spectrum Warfare Division

Software Development Intern

May 2020 – August 2023

- Developed a MatLab application that successfully modeled a monopole field and converted relevant data into usable formats
- Contributed to a 10-person team through effective use of the Agile methodology
- Modeled radar configurations utilizing C++ and MatLab
- Structured documentation for a comprehensive solution using Perl and Doxygen
- Evaluated and tested custom-built software for government applications

Virginia Tech Engineering IT

Windows, macOS, and Linux IT Technician

August 2021 – January 2022

- Collaborated face-to-face with engineering students to produce creative, custom solutions to niche operating system level issues
- Diagnosed problems with laptop hardware, batteries, screens, and drives
- Created general Windows installation images for all modern OS versions
- Oversaw daily operations of networked computer lab
- Deployed drivers and complex software including Solidworks, MatLab, and AutoCAD
- Maintained virtual machines to support off-platform software

Relevant Software Development Projects

Web Portfolio

- Designed, developed, and deployed a [website](#) showcasing simple web applications
- Created a web application that provides adaptive calculations for golf tournament payouts and adapted the site to run as a browser extension ([Tournament Payouts](#))
- Strategically structured the website to be easy to maintain as new projects are completed and added to the portfolio

Payroll Data Calculation – Hasbrouck Realty, Charlottesville VA

- Reduced weekly hours required to complete payroll calculations by 95%, saving the company over \$100 per week in wages
- Created and implemented a Visual Basic program to enhance payroll calculation efficiency, leveraging a leading real estate management software framework

AutoHotKey Mini Apps

- Created small applications to increase user interface efficiency in the Windows operating system
- Developed an app that hides desktop icons with a customizable keyboard shortcut (https://github.com/connorprp/Toggle_Desktop_Icons)
- Developed an app that toggles the audio output between devices with a customizable keyboard shortcut (https://github.com/connorprp/Toggle_Audio_Source)

Leadership and Cooperative Communication

Summer's Best Two Weeks – Christian Camps of Pittsburgh

Lead Chef

May 2023 – August 2023

- Cooked and served 1300 meals a day for 450 campers, leadership, and staff
- Coordinated with local and national suppliers to control stock costs while preserving the integrity of inventory
- Standardized the menu with innovative recipes designed for efficiency, nutrition, and cost-effectiveness
- Supervised and encouraged cooking staff while consistently meeting high-pressure service deadlines with quality results

Farmington Country Club

Outside Services Manager

August 2023 – January 2024

- Oversaw the daily outside operations of an award-winning golf course
- Mentored high schoolers and offered guidance in their integration into a professional work environment
- Consistently provided unique customer solutions focused on a luxury member experience

Programming Languages

- Java
- JavaScript
- HTML
- C++
- Perl
- MatLab
- Doxygen
- AutoHotKey
- Visual Basic
- CLI