

# Christopher M. DeRoche

github.com/compact-disc | cdero.com  
Bloomington, Indiana | Fort Wayne, Indiana

## EDUCATION

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**Indiana University, Bloomington, Indiana**

*Bachelor of Science in Computer Science (Minor in Business)*

- **Specialization:** Systems
- **Relevant Coursework:** Data Structures, Computer Structures, Computer Networks, SQL Programming, System Programming with C and UNIX, Mobile App Development
- **Awards:** Luddy School of Informatics, Computing, and Engineering Dean's List – Spring 2020

## EXPERIENCE

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**UITS Technology Center Consulting, Bloomington, Indiana**

**August 2019 – December 2019**

*Consultant*

- Delivered direct support to customers of the Student Technology Centers.
- Provided technical assistance relating to software applications, reporting software and hardware issues, resolving printer problems, monitoring supplies, and maintaining the lab environment.

**Best Buy, Fort Wayne, Indiana**

**August 2015 – August 2018**

*Sales Consultant*

- Developed, maintained, and communicated strong, up-to-date knowledge of products and services.
- Demonstrated advanced knowledge in computers, televisions, household appliances, and general consumer technologies.
- Engaged customers using selling skills to build complex, connected solutions in a fast-paced, dynamic environment.

## TECHNICAL SKILLS

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- **Languages:** Java, C, C#, SQL, Swift, Assembly
- **Platforms:** Microsoft Windows, Mac-OS, UNIX/Linux, VMware ESXi
- **Web Development:** HTML, JavaScript, CSS
- **Networking:** Cisco IOS, Cisco Packet Tracer
- **Tools:** Git, Eclipse, Visual Studio, Vim, PuTTY, WinSCP, XCode, MySQL/MariaDB
- **Miscellaneous:** Microsoft Office (Word, Excel, Power Point, Access), Adobe Suite (Photoshop, Premiere, Illustrator)

## PROJECTS

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**Guardian Angel:**

**August 2019 – May 2020**

- Undergraduate Independent Study Project at Indiana University-Bloomington for credit.
- Created using Spring Framework, Thymeleaf, Twitter4J, Stanford Core NLP, Auth0, Cloudinary, XChart, Java, SQL, HTML, and CSS.
- An online tool to analyze Twitter activity for sentiment and visually report the results to users.

**Status:**

**May 2020 – Present**

- Created using the Spring Framework, Java, HTML, and CSS.
- Used to monitor and display the status of services on a network via web browser.

**Auto Clicker:**

**July 2020 – Present**

- Created using C#, Windows Forms, and .NET Framework.
- Used to click a mouse on a set interval while importing user DLL files to run system wide hotkeys for program control.

**Data Center:**

**October 2016 – Present**

- Used for practice with virtualization, system administration, networking, and private game servers.
- Running Apache, MariaDB, VMware ESXi, FreeNAS, Linux, Plex Media, and other virtual machines.

**Xbox Mouse:**

**March 2020 – Present**

- Created using C# and the SharpDX library.
- Allows users to connect an Xbox One or Xbox 360 controller to a Windows desktop and control the mouse.

## STUDENT ACTIVITIES

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**Gaming at IU Club, Bloomington, Indiana**

**Fall 2018 – Present**

*Officer*

- **Technical Support:** Assists in the technical side of Twitch streaming and setup.
- **Game Server Development:** Develops and maintains the Gaming at IU Club's community Minecraft server.
- **Student Recruitment:** Attends student outreach events and discusses club activities to prospective members.