

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

EXPERIENCE

Indiana University Technology Center Consulting,
Bloomington, Indiana
Consultant

August 22, 2019 – December 19, 2019

- 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
Sales Consultant

August 2015 – August 2018

- 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.

EDUCATION

Indiana University, Bloomington, IN
Bachelor of Science in Computer Science (Minor in Business)

- Luddy School of Informatics, Computing, and Engineering Dean's List – Spring 2020

Specialization: Systems

TECHNICAL SKILLS

Languages:

Proficient: Java, C, SQL

Familiar with: C#, 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

Guardian Angel:

- Independent Study Project at Indiana University from Fall 2019 to Spring 2020 (6 Credits).
- 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:

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

Xbox Mouse:

- Created using C# and the SharpDX API.
- Allows users to control a computer mouse using an Xbox 360 or Xbox One controller.

Data Center:

- 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.

STUDENT ACTIVITIES

Gaming at IU Club, Bloomington, IN

Fall 2018 - Present

Officer – Technical Support/Game Server Development/Student Recruitment

RELEVANT COURSEWORK

CSCI-C 335 Computer Structures (4 Credits)

Spring 2020

- Structure and internal operations of computers. The architecture and assembly language programming of a specific computer are stressed, in addition to general principles of hardware organization and low-level software systems.

CSCI-C 291 System Programming with C and UNIX (1.5 Credits)

Summer 2019

- Introduces programming in a Unix (Linux) environment using the C language.

CSCI-C 343 Data Structures (4 Credits)

Fall 2019

- Systematic study of data structures encountered in computing problems, structure and use of storage media, methods of representing structured data, and techniques for operating on data structures.

CSCI-A 290 Introduction to SQL Programming (1.5 Credits)

Summer 2020

- Introduces how databases, database management systems, and SQL are related to each other.