Holden Claus

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SUMMARY

Enthusiastic senior working completing a Bachelor's of Science degree majoring in Computer Science. Studying all aspects of computing environments, including hardware, organization, programming languages, operating systems and computing tools. Learning detail concepts of computer programming, including data models and abstraction, control structures, symbolic logic, algorithmic thinking and testing / debugging with various computing environments. Looking for a role where I can grow and learn from experienced team members while drawing on my project experiences. Motivated to work with others and sharpen my problem-solving skills and leadership skills.

SKILLS

Programming: Proficient in C++, HTML, CSS, JavaScript, SQL, Python

Software: Visual Studio, Git, Heroku, Putty, Anaconda, Microsoft Office products (Excel, Word, PowerPoint)

Soft/Hard Skills: Communication, Analytical, Problem Solving, Programming projects in Team structure, Leadership (lead several group projects)

EDUCATION

University of Texas – Austin (Austin, TX)   January - March 2023

Certificate (Boot Camp): Full Stack (MERN) Web Development

Relevant Key Concepts: Sequelize (data/table management, SQL statements, NFs); Handlebars (coding simplification); Routes (page direction); Front end website coding (HTML,CSS, Java script), APIs (management - calls, retrieve and present); Object Orientated Programming (Data focused)

University of Houston-DOWNTOWN (Houston, TX)   Graduating May 2023

Bachelor of Science in Computer Science   GPA: 3.3   Dean's List: 2022/2023

Honors: National Society of Leadership and Success

Relevant Key Courses: Web Programming, Data Structure/Algorithms with Python, Database/Operating Systems, Game Development and Artificial Intelligence

Lone Star College – University Park (LSC), Houston, TX   Graduated May 2020

Associate of Arts – AA, Computer Science   Relevant Key Courses: Programming Fundamentals I-III, Calculus I

PROJECT WORK

University of Texas Boot Camp – Full Stack (MERN) Web Development

Book Reading APP (Team Member/Programmer)   February 2023

- *BetterReads* is a user-friendly platform that allows you to keep track of the books you've read and those you want to read in the future
  GitHub full project detail link - https://github.com/HoldyClaus/books-app

University of Houston-DOWNTOWN

QuickFix (Project Lead/Programmer) – Senior Full Stack Project   January – April 2023

- eCommerce Platform for QuickFix company to enable consumer purchasing of goods. Full functionality application to deliver an easy User experience. Also, application will deliver Company management of retailer hosting, fulfilment and transactions

GitHub Profile Link ➔ https://github.com/HoldyClaus

Coffee Shop (Project Lead/Programmer)   January – May 2022

- Developed a C++ program with a team of 4 that allows the user to order coffee through the interface as well as owners to change pricing, add employees, change employee pay and view total sales

Python Passwords (Programmer)   September – November 2021

- Refined a Password Generator Python program that would take user inputs such as character length and symbols to generate a password. Based the detailed program on User requirements for these fields

Robotics project (Project Lead/Programmer)   May – July 2022

- Managed team deliverables, timelines and decisions for project duration. Project was to deliver a robot that executed a function the user specified. Built robot grounds up from purchased kit with team implementing the Robot functions using C++ programming. Final requirement was to have Robot follow pattern on floor, movement between offices desks and pickup garbage at each desk.

Website Development (Project Lead/programmer)   August 2022 – currently working

- Managed all team aspects. Project requirement is to design a website for a Zoo. Full featured inclusive graphic web design of Park information, Exhibit/Animal information, and Ticketing with secure payment. Multi-layer and functional website to include user features using Full Stack development

WORK EXPERIENCE

Shift Manager, VITO'S FAMOUS, Houston, TX   January 2016 – Present

- Collaborated with 10 members of staff to maximize customer satisfaction, streamline procedures and improve bottom-line profitability by 63%, as well as trained 14 employees on additional job positions to maintain coverage of roles.