Richard Bourret

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EDUCATION

The University of Central Florida | Orlando, FL
Bachelor of Science in Computer Science | GPA: 3.66/4.0   May 2026
Relevant Coursework: C programming, Object Oriented Programming, Computer Science I & II, Systems Software, Computer Logic & Organization, Security in Computing, POOS, Discrete Structures

TECHNICAL PROJECTS

Full Stack Contact Manager (HTML/CSS/JS/MySQL/PHP) | Group Project | contactgenie.me   Spring 2025
- Developed a secure login and sign-up system with client-side validation and server-side authentication.
- Maintained project files using Git for version control and team collaboration.

Discord Chatbot (Node.js) | Personal Project   Summer 2024
- Developed and maintained a robust Discord chatbot using Node.JS.
- Integrated third-party API to expand chatbot capabilities, incorporates one of OpenAi's models gpt-4o-mini.

Snake (HTML/CSS/JavaScript) | Personal Project   Spring 2024
- Designed and developed an interactive Snake game using HTML, CSS, and JavaScript.
- Implemented game mechanics including snake movement, food generation, and collision detection to ensure a smooth gaming experience.

Pong (C++/raylib) | Personal Project   Summer 2024
- Developed a classic Pong game clone using C++ and the Raylib library for graphics and input handling.
- Implemented core game mechanics such as paddle movement, ball physics, and collision detection to replicate the original Pong gameplay.

Portfolio Website (HTML/CSS/JavaScript) | rickybourret.com

CLUBS

Hack@UCF - UCF's Cyber Defense Club.   August 2023 - Present
- Actively participated in a cyber defense club, gaining hands-on experience in cybersecurity principles and practices.

SKILLS & CERTIFICATIONS

- **Programming Languages:** Python, C, C++, Java, HTML/CSS, JavaScript
- **Tools and Technologies:** Git, React, Node.js, Unix/Linux
- **Microsoft certifications:** Proficient in Excel, Word, and Powerpoint.
- Experience with Software integration and debugging techniques.
- Detailed understanding of Operating System concepts.

WORK EXPERIENCE

Panera Bread | Team Lead   2021 - 2022
- Improved communication and teamwork skills.
- Gained the ability to multitask and work well under pressure.