

## **Richard Bourret**

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### **Education**

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#### **University Of Central Florida**

*Bachelors of Science in Computer Science*

- GPA: 3.75
- Relevant Courses: Intro to C programming, Object Oriented Programming, Computer Science 1, Computer Logic & Organization

### **Projects**

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#### **Discord Chatbot(Node.js)**

- Developed and maintained a robust Discord chatbot using Node.JS.
- Integrated third-party API to expand chatbot capabilities, incorporates one of OpenAi's latest models gpt-4o-mini

#### **Retro Snake Game(HTML/CSS/JavaScript)**

- 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 game clone(C++, raylib)**

- 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**

### **Skills**

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**Languages:** Python, C, C++, Java, HTML/CSS, JavaScript

**Frameworks:** React, Node.js

**Microsoft certifications:** Proficient in Excel, Word, and Powerpoint.

### **Clubs**

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#### **Hack@UCF - UCF's Cyber Defense Club.**

- Actively participated in a cyber defense club, gaining hands-on experience in cybersecurity principles and practices.

### **Work Experience**

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#### **Panera Bread - Team Lead (2021-2022)**

- Improved communication and teamwork skills
- Gain ability to multitask and work well under pressure