



# Nicholas R. Rudolph

Tampa, FL

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## Education

### University of South Florida

Tampa, FL

Bachelor of Science in Cybersecurity | GPA: 3.64

Graduating in May 2022

- **Relevant Coursework:** Data Structures & Algorithms, Web Development, Advanced Databases, Advances in Object-Oriented Programming, Applied Cryptography, Network Security & Firewalls, Foundations of Cybersecurity

## Skills

**Languages** C, Java, JavaScript, HTML, CSS, Python, C++, C#

**Frameworks** ReactJS, NodeJS, MySQL, ASP.NET Core

**Platforms** Git, GitHub, REST, Windows, Linux

**Platforms** Wireshark, Snort, Nmap, Ghidra, GDB, Volatility, BurpSuite, Ncat, BinaryNinja, BinWalk

## Projects

### Crypto Web Scraping & Web Application

Java Spring Boot | Python | MySQL | CSS | Git | GitHub

- Deployed a web application which reads, updates, and writes the price of bitcoin
- Implemented a RESTful API web service using Spring Boot that communicates to a MySQL database. Created a python script utilizing the beautiful soup library to continuously web scrape and update the price of bitcoin to the MySQL database

### Interactive Word-Search

JavaScript | HTML | CSS | Git | GitHub

- Developed an interactive and stateful word search puzzle
- Applied DOM API methods and event listeners to highlight, select, and return cells. Executed JavaScript functions to write selected cells in a textbox on the web application, validate whether the selected cells contain a word, and cross out and highlight valid words from the word-search

### Multiclient Database Server

C# | Git | GitHub

- Built a database server which can communicate with multiple clients on separate threads to retrieve information of stored books and students GPA

### Bank Account Management Simulator

C | Git | GitHub

- Designed a simple bank account which incorporates functions similar to that of an ATM
- Wrote functions in C which can: create an account, withdraw, deposit, transfer, exchange, and retrieve summary

## Professional Experience

### Epperson Lagoon

Barback/Bartender

Wesley Chapel, FL

June 2019-March 2020

- Organized and managed inventory
- Implemented labeling technique to efficiently stock and maintain two bars

### Faro Blanco

Food runner/Expo

Marathon, FL

June 2017-August 2017

- Hosted wedding and business events
- Trained new employees to handle restaurant duties
- Provided quality service to satisfy customer needs

## Activities & Awards

White Hatters Computer Security Club

May 2018 – PRESENT

Dean's List Honors

June 3, 2021

Tennis MVP Award

May 4, 2016