

Jason P. Yau

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Education:

- **University of Central Florida**

GPA: 3.92

Bachelor of Science, Computer Science

Aug 2022 - May 2026

Relevant Coursework: CS1 (Data Struct & Algo w/ C), Object Oriented Programming, Security In Computing, Matrix & Linear Algebra, Intro to Discrete, Calc II, AP Computer Science A

Skills:

- **Languages:** Java, C, JavaScript, C++, HTML, CSS
 - **Frameworks/Libraries:** Spring Boot, Maven, Node.js, Express.js, jQuery, Bootstrap
 - **Tools:** MariaDB, MongoDB, MySQL, Git, Github, Postman, SwaggerHub, VSCode, Ubuntu, phpMyAdmin, LaTeX, Excel, Powerpoint, Photoshop
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Projects:

- jasonpyau.com / *Spring Boot, MariaDB* May 2023 - Present
 - Created portfolio website that dynamically loads projects, skills, etc. from database, and created admin panel for easy modification of data
 - Developed contact form that emails me when visitor sends a message
 - Used Bucket4j and Google Guava to cache addresses that expire in short intervals which map to a token bucket to rate limit spam
 - Self hosted on Raspberry Pi, using CloudFlare tunnel for SSL certification & security
 - [Bet Mate](#) / *Express.js, MongoDB* Feb 2023 - Mar 2023
 - Created a secure login system with SHA-256 encrypted passwords with salt stored in the database using Mongoose and web token authentication
 - Developed email password reset system using automatically expiring web token
 - [Spotify Playlist Generator](#) / *Express.js* Nov 2022 - Nov 2022
 - Created an interactive full-stack app that generates playlists and recommends songs based on inputted songs, genres, and artists, utilizing Spotify's Rest API
 - [WordGuesser](#) / *Java Swing* Oct 2022 - Nov 2022
 - Developed a Wordle-like game using Java Swing to create a user-friendly interface
 - Randomly generate & process words using seed based on the current date or current millisecond from a list of 12,000+ words
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Experience:

- **UCF Knight Hacks (Member)** Sep 2022 - Present
 - Create and collaborate with team members to create full stack web applications
 - Participated in workshops & introduced to new languages
 - **Second Harvest Food Bank (Volunteer)** Jul 2021 - Mar 2023
 - Contributed to 200,000+ meals for those in need in the Orlando area
 - **Awards/Honors:** UCF President's Honor Roll, AP Scholar w/ Distinction, National Honor Society, Florida Academic Scholar
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