

Jason P. Yau

Orlando, FL

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Education:

- **University of Central Florida**

GPA: 3.92

Bachelor of Science, Computer Science

Exp. 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, SQL
 - **Frameworks/Libraries:** Spring Boot, Node.js, Express.js, jQuery, Bootstrap
 - **Tools:** MariaDB, MongoDB, MySQL, Maven, Git, GitHub, Postman, SwaggerHub, VSCode, Ubuntu, phpMyAdmin, LaTeX, Excel, Powerpoint, Photoshop
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Projects:

- jasonpyau.com / *Spring Boot, MariaDB, Bootstrap*
 - Created portfolio website that dynamically loads blog posts, projects, skills, etc. from MariaDB and created admin panel for easy modification of data w/ 20+ API Endpoints
 - 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 certificate & security
 - Used GitHub Actions for continuous deployment (CD) on Git pushes, creating 10+ unit tests with JUnit & Mockito to be run before deployment
 - [Bet Mate](#) / *Express.js, MongoDB*
 - Created a secure login system with SHA-256 encrypted passwords with salt stored in the database using Mongoose and web token authentication w/ email password reset
 - [Spotify Playlist Generator](#) / *Express.js*
 - 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*
 - Developed Wordle-like game with GUI, randomly generating & processing words based on the current date or 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, Dean's List, Florida Academic Scholar, National Honor Society, AP Scholar w/ Distinction
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