

Julian Barrett

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EDUCATION

James Madison University
BACHELOR OF SCIENCE, COMPUTER SCIENCE
Expected May 2025
GPA: 3.115

Harrisonburg, VA

CURRICULUM FOCUS

Technical Skills: **Java (advanced), Python (advanced), C (intermediate), JavaScript (intermediate), HTML5 (intermediate), CSS (intermediate), SQL (beginner), GitHub, Visual Studio, AWS, German Speaker (fluent)**

Relevant Courses: **Software Engineering, Algorithms and Data Structures, Advanced Programming, Computer Systems, Web Applications, Discrete Structures, Virtual Reality Applications**

CURRENT PROJECTS

[CS-345 **SOFTWARE ENGINEERING**], JMU [Aug-Dec 2023]

- Developed a user-friendly Java application aimed at streamlining recipe and meal organization processes, thereby optimizing cooking procedures for users
- Spearheaded a collaborative Agile team through three rounds of two weeks sprints ensuring the project's success by employing Agile Scrum methodologies and prioritizing user-centric design principles
- Conducted strategy development, user research, and testing to inform design decisions and iterations, resulting in the successful delivery of a highly intuitive GUI interface delivery

[CS-343 **WEB DEVELOPMENT**], JMU [Jan-May 2023]

- Engineered a dynamic public forum dedicated to fostering discussions on fitness ideas and empowering users to create personalized workouts
- Designed visuals and interactive prompts which significantly enhanced UX using Bootstrap and CSS
- Leveraged CSS, Bootstrap, and JavaScript to craft an engaging and intuitive platform for users
- Implemented jQuery to execute API calls, enabling the platform to suggest tailored exercises based on specific muscle groups, thereby enhancing user engagement and customization
- View the Project: <https://343f23.github.io/project-phase-1-ryan-julian/>

LEADERSHIP EXPERIENCE

HOUSING CHAIR, JMU (Jan 2022-Present)

Sigma Phi Epsilon

- Developed and maintained a comprehensive database of 70+ students, improving the efficiency of tracking requirements and documentation deadlines
- Liaised with multiple real estate agents to match students with affordable and suitable housing options, achieving full occupancy of previous leases and securing several new lease agreements
- Selected for role by peer vote

TEAM-DRIVEN AND SERVICE FOCUSED EMPLOYMENT HISTORY

LANDSCAPER Landed (May 2023-Aug 2023)

SERVER Mai Thai & Dudley's Sports Bar (May 2021/22-Aug 2021/22)

LIFEGUARD High Sierra Pool Company (May 2018/20-Aug 2018/20)

HOST Urbano 116 (May 2018-Jan 2019)

VOLUNTEER YMCA & Break the Hold

INTERESTS: **Basketball, Travel, Snowboarding, Brazilian Jiu Jitsu, Wrestling, Golf, World History**