Curt A. Whelan

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A long-time computer hobbyist and recent graduate from The University of Kentucky. Experienced in developing applications, problem-solving, teamwork, and communication skills. Seeking to utilize technical knowledge in an organization with a collaborative culture that pursues excellence.

Education

University of Kentucky **(August 2018 – December 2022)**

Bachelor of Science – **Computer Science** **UK GPA: 3.0**

Relevant Undergraduate Courses:
Web Programming, Database Systems, Systems Programming, Data Structures and Algorithms, Algorithm Design & Analysis, Game Development, Graphics and Multimedia, iOS Development, Machine Learning

Undergraduate Projects:
- Munchin Lunchin – A single-page concept web application for a restaurant that allows users to purchase items from a menu and view their purchase history. Utilized HTML, CSS, Bootstrap, JavaScript, jQuery, PHP, JSON, and MySQL to create a RESTful experience
- TrekTrack – A health app for iOS that helps users build strong habits to enhance their daily routines. Built using Swift, MVVM, CareKit, HealthKit, and ResearchKit frameworks
- The Human Domino Effect – An educational board game created by Stephanie Fister. Our team utilized the Godot game engine and GDScript to improve the core game mechanics and UI/UX as the game transitions to digital platforms

Work Experience

Lockheed Martin - Lexington, KY - IT Intern **(May - August 2022)**
- Utilized knowledge of C#, ASP.NET, and SQL Databases to analyze the functionality of Lockheed's largest web application. I then created and presented a technical review of the application to the software development team
- Participated in Integration Testing alongside real-world customers
- Led daily stand-up meetings with fellow IT interns and worked together to develop a final presentation detailing our experiences and presented it to departments across Lockheed
- Designed solutions to centralize crucial information for current and future employees

Baptist Health - Louisville, KY - Disaster Recovery Intern **(May - August 2021)**
- Learned and utilized strategies for situations such as handling patient assets, minimizing database downtime, developing a business impact analysis, and structuring databases in a HIPAA-compliant environment
- Assisted with the execution of their disaster recovery protocol

Skills

- **Languages:** JavaScript, HTML, CSS, SQL, C/C#/C++, jQuery, Swift, Python
- **Technical:** React.js, ASP.NET MVC, Bootstrap, MySQL, JSON, REST API, TCP/IP, OOP, Unix, Git, Database Systems, Integration and Unit Testing
- **Professional:** Problem-Solving, Team Communication, Team Collaboration, Critical Thinking, Leadership, Public Speaking, Technical Writing

Activities & Leadership

- Phi Delta Theta, Kentucky Epsilon Chapter
  - Philanthropist of the Year (2022)
  - Executive Board Member
  - Webmaster
- DanceBlue, University of Kentucky (2022)
  - Received award for highest dollar amount raised, totaling over $2,000
  - Fundraising 24hr dance marathon raising money for pediatric cancer research