

David Gonzalez

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EDUCATION:

Aurora University

GPA: 3.45/4

Bachelor of Science in Computer Science & Cybersecurity

Aurora, IL
May 2026

- Relevant Coursework
 - Web Application Development
 - Software Testing, Validation, and Quality Assurance
 - Object Oriented Design
 - Programing Languages
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STRENGTHS:

- ◆ Proficient in debugging and finding defects being able to quickly identify and resolving issues
 - ◆ Experience in writing well documented code as well as unit tests and testing strategies
 - ◆ Experience using GitHub for code sharing in teams
 - ◆ Able to communicate technical concepts to both technical and non-technical audiences
 - ◆ A foundation in data structures, functions, and algorithms for efficient code
 - ◆ Ability to quickly learn and adapt to new language, tools, and techniques
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TECHNICAL SKILLS:

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| • Java | • Excel |
| • HTML & CSS | • IntelliJ |
| • JavaScript | • Word & Docs |
| • Python | • VLSM |
| • Virtual Machines | • IPv4 Subnetting |
| • JUnit | • Prolog |
| • Scheme | • C++ |
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PROJECTS:

Yahtzee (HTML, CSS, JavaScript)

- Created a browser version of Yahtzee, you're able to roll dice and set the score and by the end if your total score is above the assigned winScore you win.
- Created it using HTML and JavaScript. Incorporated Local Storage to save and load progress and added CSS for a phone/ handheld playability.

Weather Alert (Java, Junit)

- Created a Weather Alert System that takes the local time and issues alerts based on predefined conditions. To test this program, I created a weather API interface.
- The program was written in Java and uses Junit as well as Interfaces and dependency injections for testing. Used a mix of both black and white box testing.

Shipping Calculator Test (Java, Junit)

- Created a simple Shipping calculator that would take the weight and distance of an object by a user and then calculate the price based on a database.
- The program was written in Java and uses Junit for unit testing. Did white box testing statement coverage and did black box testing with boundary value analysis.

Social Media Feed (Java)

- Created a simple news feed system inside mock social media platforms with users who will get updated with a feed if they subscribe to the platforms.
- The program is executable and was created using Java. The program uses Strategy, Observer, and Factory Patterns to achieve this goal.