

# MARTIN QUEZADA

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## Education

### ASSOCIATES OF SCIENCE | NORTHERN VIRGINIA COMMUNITY COLLEGE

- Graduated with Pathways Scholarship

### BACHELORS OF SCIENCE | JAMES MADISON UNIVERSITY | COMPUTER SCIENCE

- Related coursework: Data Structures and Algorithms, Software Engineering, Computational Geometry, Computer Systems Is and II, Database Management, Computer Graphics Application, Design and Analysis of Algorithms.

## Projects

### 24 GAME | PERSONAL: PYTHON, JAVA, JSON, GIT, VISUAL STUDIO CODE

- Interactive game application where the user must use math to get 24 from a given set of numbers.
- Set of numbers are retrieved from json files, depending on what difficulty the user selects.
- Consist of OOP, modularity, and safe coding practices.
- Also available in html, css, javascript. Link to the website is in my online portfolio.

### SERVER-CLIENT ARITHMETIC COMPUTATION | ACADEMIC: C, UDP, COMMAND LINE

- Contains a skeleton server program that receives computation requests from a UDP transport layer protocol.
- Contains a skeleton client program that sends requests to the server and then displays the result.

### ONLINE PORTFOLIO | PERSONAL: HTML, CSS

- Basic responsive website that introduces the user to viewers. Showcases interests and projects of the user. <https://maqportfolio.netlify.app/>

## Skills

- SOFT SKILLS: Self-management, communication, teamwork, problem-solving, flexibility.
- FRONTEND: HTML, CSS, Javascript, react
- BACKEND: JAVA, C, MySQL, JSON, Python,
- TOOLS: Eclipse, Git, PostgreSQL, npm, Vim, Processing, Xcode, Linux, Visual Studio Code, Slack, Visual Studio

## Certifications

- Oracle Cloud Infrastructure Foundation Certified | February 2022
- JPMorgan Software Engineering Virtual Experience | HTML, CSS, PYTHON, JAVASCRIPT
  - Used Perspective data visualization software and Python to monitor stock price trends and create trading strategies.
- CISCO-SEXTANT REACT APP | HTML, REACT, NODE, NPM, JAVASCRIPT, CSS
  - Used react and front end tools to display a user's IP addresses along with latency packets.