Anna Aurea S. Garcia (U.S. Citizen)

Email: agarc040@odu.edu

Education

MASTERS OF SCIENCE IN COMPUTER SCIENCE | AUG 2022 - Present |
OLD DOMINION UNIVERSITY | 5115 Hampton Blvd, Norfolk, VA 23529

• GPA: 3.87

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | MAY 2021 |
CHRISTOPHER NEWPORT UNIVERSITY | 1 Avenue of the Arts, Newport News, VA 23606

• GPA: 3.36

ASSOCIATE OF SCIENCE IN SOCIAL SCIENCE | DEC 2016 |
THOMAS NELSON COMMUNITY COLLEGE | 99 Thomas Nelson Dr, Hampton, VA 23666

• GPA: 3.5

Projects

1. ATARI GAME: BREAKOUT: Re-created the Atari game- breakout using Python's Pygame library modules. Involved Inheritance, pair programming, binary file I/O.

2. Where should you live?: A recommendation system suggesting suitable areas to live in. Uses Natural disaster data from the last century and compiles them to create a recommendation based on users preferences.

3. Guess Who?:An image classification project that explores and compares different models of Artificial Neural Network and Convolutional Neural Network.

4. GRUBnLOG: This web application is a personal food journal that helps you keep track of your daily food consumption. A few key functionalities of the app are supporting multiple users, user credential validation, and log entry unique to the users, and it provides a daily nutrition summary. The web application was built using the Django framework. The project is deployed using Heroku and uses the SQLite database to save user information and food entries.

Work Experience

SOFTWARE DEVELOPER – Anti-Corruption Layer API Team
The United States Air Force 04/01/2022 – Present | Hanscom AFB, MA |

As a developer in the ripsaw team, we develop features and maintain an API between a database and applications within the organization. In the team, we do pair programming where I get to collaborate with other developers on a story and solve problems much faster. I also created sequence diagrams for other developers and stakeholders to use.

SOFTWARE DEVELOPER – Data Team
The United States Air Force 09/13/2021 – 04/012022 | Hanscom AFB |
Manager: Capt. Daniel Weissenhoffer

As a developer in the data team, we develop and test applications in an agile fashion. The team and I created a web application using React and Spring Framework to handle the asynchronous process of data. I handled the development of the microservice of the application, which will connect to application databases and fetch database schema and the actual data.

INFORMATION TECHNOLOGY CO-OP – Product Lifecycle Management
Newport News Shipbuilding | 01/06,/2021 – 08/31/2021 | 4101 Washington Ave, Newport News, VA 23607 |
Manager: Kevin Strange

Developed a program that analyzes log data, creates a summary report, and email notification. The report contains statuses of data received and sent by NNS. The report is used by the team and business partners alike to troubleshoot problems. I also modified existing

programs to add more functionality such as generating a summary report of batch jobs.

INFORMATION TECHNOLOGY CO-OP – Enterprise Solution Planning
Newport News Shipbuilding | 01/06/2020 – 12/31/2020 | 4101 Washington Ave, Newport News, VA 23607 | Manager: Michael Champion

Worked alongside Software Engineers in the Finance team resolving issues on SAP ERP. I assisted in troubleshooting Kofax Markview user issues and scheduling background jobs in SAP. I also assisted in validating data during an SAP S4/Hana upgrade. Lastly, I was tasked to organize the documentation for System Integration Testing in Microsoft TFS for the Kofax Process Director project.

Awards

Dean's List | Christopher Newport University | Fall 2018, Fall 2020
Students on the Dean's List were enrolled in at least 12 credit hours, earned no final grade below C, and earned a grade point average of at least 3.50 on a 4.0 scale.

Extraordinary Performance Recognition Nominee | Newport News Shipbuilding | August 2020
I was recognized for my involvement in the S4/Hana upgrade, which consisted of creating multiple variants in SAP, and working alongside our business partners and users. I validated data to ensure safe migration to an upgraded system.