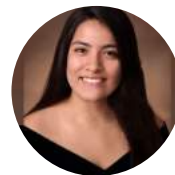


LUISELY DOZA

Software Engineer



EXPERIENCE

PREP Rotation Engineer

Akamai

June 2022 – Present

Cambridge, MA

- Utilized Docker, Jenkins, Linode to automate the build process of different mesh deployments
- Began work with SaltStack to automate the file configuration process of multiple servers

Computer Science/Math Tutor

Shepherd University

September 2019 – Present

Shepherdstown, WV

- Tutor undergraduate students in a variety of CS/Math courses. Most taught courses include: Intro to Computer Science, Computer Language Concepts, and Statistics
- Analyze and maintain records of student's progress to teach individual needs
- Successfully migrated to remote tutoring during the COVID-19 pandemic and documented student feedback on the transition

Software Engineer Intern

American Public Education, Inc.

July 2020 – November 2020

Charles Town, WV

- Used C#, ASP.NET and SQL to work on a new certification program
- Used MySQL to produce production support data fix scripts for the university's databases

Data Science Intern

American Public Education, Inc.

June 2019 – August 2019

Charles Town, WV

- Used SQL and Tableau to develop active student date comparison and forecasting dashboards used by the Institutional Research team, which automated the team's active student lookup
- Constructed a statistical model to measure the efficacy of various texting outreach initiatives using R and SQL

Undergraduate Research Fellow

NASA WV Space Grant Consortium

September 2018 – May 2019

Shepherdstown, WV

- Developed algorithms in Python that mimic R functions present in the R Stats Package
- Used the functions created to develop a Python package that will be published on the web for others to use
- Accepted to present my research at the [2019 West Virginia Academy of Science](#)

CSSI Student

Google

July 2018

Pittsburgh, PA

- Participated in highly selective, intensive, three-week coding boot camp focused on programming and web app development using HTML/CSS, JavaScript, and Python.
- Developed [TradingX](#) in one week—a web app that allows users to post an item with the purpose of trading with other users. Implemented back-end using Python and front-end using Javascript and HTML/CSS. Uses data-store to store uploaded images and serve them to the application.

EDUCATION

B.S. Computer & Information Sciences

Shepherd University

Honors Program GPA: 3.68

Relevant Course Work: Data Analytics (Python/R), Introduction to Networking, Statistics, Adv Comp Lang Concepts (Java), Windows Programming (C#), Computer Org (Assembly), Discrete Math, Data & File Structures (Java), Database Mgt Sys (MySQL), Operating Systems, Computer Graphics (JavaScript WebGL), Intro to Cryptography & Network Security

VOLUNTEER

Microsoft

Fall 2020

TEALS Teaching Assistant

Remote

- Selected to be a TA for Microsoft's TEALS philanthropy. Teaching CS concepts to students in a high school with the goal of enabling an equitable CS program.

Google

Summer 2020

CSSI Teaching Assistant

Remote

- Mentoring 20 incoming first-year college students throughout their completion of a Google-sponsored Coursera specialization course by holding weekly cohort meetings, answering college/career advice, and holding office hours

SKILLS

- Languages:** Python, Java, HTML/CSS, JavaScript, SQL, R, C#
- Tools:** Git, Command Line, Excel, Google App Engine, Tableau, Angular
- Soft Skills:** Leadership, Communication, Project Management, Determination, Teamwork, Adaptability, Conflict Resolution, Public Speaking

AWARDS

- Dean's List
- Shepherd University Presidential Scholar
- WV Governor's Workforce Credential Recipient
- AP Scholar
- Hollywood Casino Scholarship Recipient
- Hispanic Scholarship Fund Scholar
- Goldman Sachs 2020 Hispanic/Latinx Possibilities Summit

EXTRACURRICULARS

- Peer mentor for Shepherd TRiO/SSS
- Attendee of WV TRiO Leadership Conference
- President of Chi Chapter of Alpha Sigma Tau
- Collegiate Delegate for Alpha Sigma Tau 2020 National Convention
- Alpha Sigma Tau 1899 Ambassador 2020-2021
- Member of Shepherd's Programming Club
- Member of Shepherd's Women in Engineering

PROJECTS

CodingPro

Collaborating with Verizon engineers to create an interactive, online coding resource. Users can choose a specified path and complete lessons with the integrated IDE. Project being built with Angular, Sass, and Node.js Compiler API.

Donation Nation

Currently developing a web application focused on food sustainability. Site allows grocery stores and restaurants to donate their leftover food supply to local food pantries in order to avoid selfish food waste. Companies will be able to see how many meals they will be providing from the amount of pounds donated.

VolunteerNow

Co-developed a website where volunteers may register for different community events that organizations can publish onto our calendar. Written in Python for back-end development and uses HTML/CSS and Javascript for the front-end.

Uno Game

Currently recreating Uno game using object oriented programming in Java. Utilizing Javax.swing and Java.awt for the application's user-interface.