

YERRY PEREZ

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EDUCATION

Honors B.S. Computer Science

University of Utah

📅 Aug 2016 – May 2022

Cumulative GPA 3.6

COURSES

Object Oriented Programming

Algorithms & Data Structures

Software Practice I & II

Web Software Architecture

Introduction to Computer Graphics

computer organization

computer systems

Discrete Math

Algorithms

Intro to Data Analysis

Database Systems

Industry Forum

PROJECTS

Spreadsheet application

Software Practice I/University of Utah

📅 Jan 2019-April 2019 📍 University of Utah

- Designed and recreated a UI application spreadsheet similar to that of Microsoft Excel using C#. This project involved a lot of regression testing and version control with GitHub.
- The GUI involved a model, view, controller architecture.
- The spreadsheet used a graph implementation in order to do math calculations in the correct order.

Undergraduate Research Website

Web-Software Architecture/University of Utah

📅 Aug 2020-Dec 2020 📍 University of Utah

- Created a website so that professors can post undergraduate research opportunities and students can apply to them.
- Designed and created a web application using C# and ASP .NET Core framework and hosting it on an AWS EC2 instance.
- The application involved a model, view, controller architecture(MVC).
- The project also used an SQL database, html, CSS, bootstrap, javascript, and AJAX.

PROJECTS

Cita Match Making Service

Capstone Project/University of Utah

📅 Aug 2021-Dec 2021 2019 📍 University of Utah

- Developed a match making service that matches users based on location interests. The application is a cross platform mobile application for both android and iOS. I worked with a team of four other students.
- The technologies that were used are Flutter, Firebase, Bloc, and Android Studio. I also used Google Maps and Google places API. By using both API's my team and I were able to get develop the GPS feature within the application. My involvement with the project was mainly to integrate the messaging feature.

WORK EXPERIENCE

Teaching Assistant: Math Center

University of Utah

📅 Aug 2020 – Present 📍 50 Central Campus Dr, SLC

- Graded Calculus II homework and quizzes. In addition to grading, my responsibilities involved giving comments on the student's assignments to help them improve on their problem solving skills.
- Tutored courses from Calculus III and below. Challenging students to think critically and help them understand topics at a deeper level.
- On occasions, help students with their programming assignments by helping them understand the math and the logic involved within their programs.

Goldman Sachs Summer Analyst intern

Goldman Sachs

📅 June 2021 – August 2021 📍 222 S Main St, SLC UT

- I worked with the Consumer Wealth Management(CWM) engineering team.
- The project I worked on was to help the team develop a web service so that high wealth individuals can manage their financial assets and investments.
- My role was to integrate websockets into their service and change the existing architecture into a pub/sub model.

TECHNICAL SKILLS

Java

SQL

R & Rmarkdown

C++

C

LaTeX

MIPS

x86

Visual Studio

HTML

CSS

JavaScript

C #

REST

XML

Multi-Threading