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Team Pi

**CSC 179-01 Summer**

Deliverable #1

06.05.2024

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# Guidelines - Mission Statement

The general objective of our team is to simulate a professional workplace. That means our entire team must be committed and productive for the duration of the semester. Each member must individually agree to attend all meetings, complete assigned work on time, and communicate in a constructive manner. We would like to maintain a professional work ethic throughout the course. The purpose of our team is to produce the highest quality work possible and we believe these rules to be most beneficial in accomplishing that goal.

**Jonathon Delemos - Team Lead**

CSUS Senior

Computer Science Major

Mathematics Instructor - Mathnasium

jdelemos@csus.edu

# Overview

Sierra College transfer (2023) with two associate degrees, one in Natural Science, and one in Computer Science. I’ve worked on a number of private projects including game design, app design utilizing AI integration, and 3D modeling for Metaverse applications.

# Coding Skills

1. Java
2. Python
3. C
4. HTML
5. SQL
6. MongoDB
7. Node.js
8. Assembly

# Specifications

In this course, I hope to obtain a greater understanding of software testing and develop a structured approach toward verifying a project meets functional and non-functional requirements in adherence with the project contract.

# Employment

I have a very strong background in mathematics and have worked as a Linear Algebra, and Data Structures and Algorithms tutor for Sac State. In addition, I am a lead instructor at the Mathnasium in Folsom/El Dorado Hills.

# Goals

## Graduation

I will be graduating next spring and look forward to finishing the remaining courses I have in this last year of my education.

## Internship

My goal is to be hired by a software engineering firm and contribute in a professional manner. I would like to be a reliable coworker who is dependable and can carry more than their share of the workload.

**Legna Saca Archuleta**

CSUS Senior

Computer Science Major

Janethsacaarchuleta@csus.edu

# Overview

I've worked on a few projects that include some game design in Java from CSC 133. I've also previously participated in the SMASH pathways hackathon building a mobile application to better assist students with their school and daily life. I’ve worked in team environments in a professional setting before from my past work experience. I enjoy web development, more of the front-end setting.

# Coding Skills

1. Java
2. Python
3. HTML
4. CSS
5. JavaScript (obtained certification)
6. SQL
7. Assembly
8. Node.js

# Specifications

In this course, I hope to broaden my knowledge in the topic of software testing and what it entails. I hope to be able to take this hands-on experience and grow from it to properly use it in future settings.

# Employment

For work experience, I have previously worked as a civil engineer for a CAD(computer-aided design) company. My experience entailed me working on city-wide schematics of California individually as well as in a team of 4 other people within the company. This has allowed me to be able to work in a team setting, communicating work and meeting deadlines together.

# Goals

## Graduation

I’m currently a senior, I hope to graduate by this upcoming spring semester of 2025.

## Internship

I’m currently looking to find an internship in web development or software development. I hope to be able to gain hands-on experience which I can carry into future jobs in my career.

**Mohammad Taufique Imrose**

CSUS Senior

Computer Science Major

Taufiqsaimun@csus.edu

# Overview

As a driven and ambitious computer science student, I am passionate about leveraging technology to solve complex problems and create innovative solutions. With a solid foundation in programming languages such as Java, Python, JavaScript, and frameworks such as React, I have completed multiple projects that demonstrate my ability to design and implement efficient algorithms.

# Programming Languages

* Java
* JavaScript
* C
* Python
* C++
* HTML
* HTML5
* React.js
* OpenGL
* Ruby
* Assembly

# Frameworks

* Gradle
* React.js
* Node.js
* Spring Boot
* Django

# Employment

## CSC Related

**Web Development Intern** - *California Department of Technology* [Dec 2023-Present]

**Chief Technical Engineer** - *Shuhash* [November 2022-September 2023]

**Production Team Leader** - *Acer* [Contract/On call]

## Others

**Food Service Supervisor** - *Aramark* [September 2021-December 2023]

**Vice President of Community and Campus Relations** - *Student Alumni Association @SacState* [May 2023-Present]

# Goals

## Graduation

I’m currently a senior, I hope to graduate by this upcoming spring semester of 2025.

**CJ Pallari**

CSUS Senior

Computer Science Major

cjpallari@csus.edu

# Overview

I transferred to Sac State in 2022 from Folsom Lake College where I was on the verge of obtaining an associates degree in Psychology before I had a change of heart and switched to Computer Science. Since my switch, I have worked on various personal projects ranging in size from Twitter Bots to an algorithmic trader (currently working on). I lack professional experience specifically in software development or team-based software projects. However, I have extensive experience collaborating within teams through my involvement in sports activities and participation in various group projects across different academic courses.

# Coding Skills

1. Java
2. Python
3. C/C++
4. HTML/CSS
5. JavaScript
6. SQL

# Specifications

In this course, I aim to deepen my understanding of software testing and quality assurance. I am eager to gain hands-on experience that will enable me to effectively apply these skills in future professional settings. My goal is to enhance my ability to ensure software reliability, functionality, and performance through rigorous testing methodologies.

# Employment

As I previously stated, I do not have any relative professional experience yet, and most of my employment history comes via part time restaurant jobs as I work my way through school.

# Goals

## Graduation

I am a senior this year and will be graduating in the Spring of 2025.

## Internship

I would love the opportunity to intern before I graduate, which is part of the reason I’m taking 3 Summer courses this year. My goal is to be able to intern somewhere during the Spring semester while I take CSC 191.

**Katerina Cowan**

CSUS Senior

Computer Science Major

katerinacowan@csus.edu

# Overview

I am currently going into my senior year here at Sacramento State. I have gained a lot of experience in troubleshooting while providing customer service through a few internships. I have also worked on a professional project in a team setting focusing on front-end development.

# Coding Skills

1. Java
2. Python
3. HTML
4. SQL
5. Assembly
6. C#

# Specifications

In this class, I would want to learn all the different ways to test software so that one day I can apply these techniques. In one of my internships, my team members were able to do testing on an application we built and I would want to compare what they have done to what I could learn in this course.

# Employment

**At Home Advisor** - *Apple* [April 2024 - Current]

**Student Assistant** - *California Department of State Hospitals* [March 2022 – February 2024]

In my background, I have a lot of experience troubleshooting software and hardware while working as an Apple advisor. I also gained even more experience working for the California Department of State Hospitals working in the help desk to help other employees as well. Also while working there I was able to work on a project building a web application where I focused on UI design and focused on accessibility.

# Goals

## Graduation

My goal for my last year would be to finish the last of my 4 years at Sacramento State by graduating in spring 2025 while starting my journey to becoming a mother this fall.

## Career

I would also like to gain a professional full-time position by the point of graduation so I can start my career and continue to help provide for my family.