TAYLOR ROSBY

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PURPOSE STATEMENT

Honors student at Grand Canyon University pursuing a Bachelor of Science in Computer Programming. Strong knowledge of object-oriented programming and application development tools using programming languages including C#, Java SE, Java EE, PHP, SQL, HTML, CSS. Using logical and critical thinking skills to innovatively solve real world problems.

EXPERIENCE

Software Engineer Intern

Cerebrum Corp | January 2020 - Current

- Produced clean, validation-ready code for project needs.
- Collaborated with other developers to identify and alleviate number of bugs and errors in software.
- Supported software engineering projects in Agile work environment.
- Created, customized and planned software for consumers.
- Prioritized assigned change requests and completed in order of priority.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.

Technology Learning Advocate

Grand Canyon University | October 2018 - January 2020

- Advocated for students to connect with additional school resources
- Communicated effectively with students and provided outstanding customer service
- Filled out session documents for record keeping and submitted reports detailing overall activities
- Collaborated with students to complete homework assignments, identify lagging skills and correct weaknesses
- Conducted tutorial services for students to provide academic support in computer programming and cyber security

EDUCATION

Grand Canyon University

Bachelor of Science in Computer Programming | Class of 2021

- 3.87 GPA
- Minor in Cyber Security
- Member of the Honors College
- Member of the National Society of Collegiate Scholars

SKILLS

Programming Languages

- Java SE
- C#
- PHP
- HTML
- CSS
- Swift

Frameworks

- Java EE
  - JSF, EJB, JDBC, JAX-RS
- Laravel
- Spring MVC, Core, JDBC

Operating Systems

- Macintosh OS/X
- Windows Workstation (8,10)
- Windows Server 2012, 2016, 2019

Tools

- MAMP
- MySQL Workbench
- Postman
- Eclipse
- Visual Studio
- Visual Studio Code
- Xcode
- Swagger
- GitHub
- Docker
- TravisCI

Database

- MySQL Server
- MySQL

Other

- Agile Scrum
- Project Management

PROJECTS

Halloween Hideout - Capstone Project

iOS Game | August 2020 - Current

- Users are able to pick between three characters to play
- Users able to collect candy to spend at costume shop
- Costumes in shop are put in levels and give players buffs
- Users can run, jump, and attack
- Enemies can run, jump, and attack
- Created the application using Swift, Xcode, Core Data, and multiple libraries
- Playable on iOS 13 and iOS 14
- Playable on iPhone 6, 7, 8, X, 11, and 12 generations

Opportunity Hack - 3rd Place Winner

Management System | October 19-20, 2019

- Users within a company are given a unique log in key
- Users were able to search for trends between pop culture and STEM/STEAM
- Created the application using Python, CSS, HTML, and multiple APIs
- Users were shown graphs, charts, and interactions from multiple websites concerning the search topic

Desktop Drawer

Blog | *August 2019 - Current*

- Worked effectively with a team to produce a functional blog with log in, registration, admin, and CRUD functionality in a classroom setting
- Users have a timeline of recent posts, can like and comment on posts, and have a profile displaying all their posts
- Created the application using Spring, Java, SQL, HTML, and CSS
- Wrote a formal design document and performed test cases

Get Hired

Social Networking | January 2019 - April 2019

- Users were able to join and create groups, view all the users in a group, apply for jobs, and create a profile
- Admins were able to add, update and delete jobs, view the users profiles
- Created the application using PHP, Laravel, PDO, HTML, and CSS
- Used REST APIs to return user profiles based on id and users
- App was hosted on Heroku
- Wrote a formal design document and performed test cases

Sudoku

Game | January 2019 - April 2019

- Users were given a random board from the 8 stored
- Users were able to save and load unfinished boards and restart their boards
- Created the application using C#, .NET MVC, ASP.NET
- Wrote a formal design document and performed test cases

All That's Fit To Print

E-Commerce | *August 2018 - December 2018*

- An online bookstore using PHP, HTML, CSS, Bootstrap, mySQL
- Simulates a check out process, allows user to create an account, login, add, delete, and update items in a cart
- Admin can add new products, change roles of the users, edit and delete users and products, and has the ability to get a product report in JSON
- REST APIs were used to return order history

Domain Game

Inventory Management | August 2018 - December 2018

- CRUD application using Java EE, HTML, CSS and mySQL to have a video game management website
- Users were able to search for a specific object
- N-Layer architecture and OOP principals was used in the project.
- PrimeFaces and Regular Expressions were key design decision
- Used REST APIs to return all users and video games
- Wrote a formal design document and performed test cases

Minesweeper

Game | August 2018 - December 2018

- Users were given a randomly generated game board and was able to choose a game difficulty
- Top five high scores were shown based on each difficulty
- Users were able to restart their boards
- Created the application using C# and the MVC design pattern

Adam is Wrong

Blog | January 2018 - April 2018

- Worked effectively with a team to produce a functional movie review blog with log in, registration, and CRUD functionality in a classroom setting
- Admin were able to delete posts, comments, and users
- Users were able to add comments and rate a post
- Created the application using PHP, SQL, HTML, and CSS