Audrey Bichelmeir

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EDUCATION

Chapman University, Orange, CA
Bachelor of Science in Computer Science, a minor in Game Development Programming

COMPUTATIONAL SKILLS

- Proficient at C#
- Intermediate in Python, Java, C++, Swift
- HTML, CSS, JavaScript
- ReactJS
- Familiar with Unity
- Proficient in Unix/Linux
- Beginner Kali (Penetration Testing)
- Digital Logic: VHDL, Verliog, Sequential Circuits
- Docker, Github
- Beginner Wireshark

DESIGNER SKILLS

- Familiar with Adobe Software (Adobe Photoshop, Adobe Premiere Pro, Adobe Illustrator, Adobe InDesign, Adobe XD)
- 3ds Max, Maya, Mudbox
- Fusion 360

RELEVANT EXPERIENCE

Computational

- **Personal Website (HTML, CSS, JAVASCRIPT)**
  - Created a personal portfolio to showcase my skill in HTML and CSS (**https://audreybichelmeir.github.io**)
- **Brick Buster (C#, Unity)**
  - A simple brick buster game where objective is to eliminate all bricks to move up a level
- **Roll-A-Ball (C#, Unity)**
  - A simple roll-a-ball game, where it demonstrates the concept of Introduce, Practice, Master of Game mechanics through level completion
- **Candy Rush (C#, Unity)**
  - A game that allows the user to collect candy through levels of difficulty by avoiding enemies
- **Cathy Apprentice (C#, Unity)**
  - A collaborative, where Cathy (player) collects unique ingredients, and complete quests. My role was setup the player's movement around the environment and have the camera follow player and create scriptable object inventory system.
- **Art Thief: The Museum Heist Edition (C#, Unity)**
  - A simple heist game, where the thief's (player) goal is to navigate the maze and collect the different-shaped keys that open doors to either the real or fake paintings (inventory system) while avoiding the security guards (obstacle) in limited amount of time and decreasing battery life of the flashlight.
- **Budget (Swift)**
  - Built a simple budget application using Swift
- **Hobby (Figma)**
  - Created a high-fidelity application through Figma to address how teens socialize through shared interests
- **Zoom Bookmark (Figma)**
  - Created a high-fidelity application through Figma to create Zoom's built-in collaborative note taking where if a student bookmarks/stars it then it is transcribed it a generic file

Design

- **Mercedes-Benz Art Deco Poster (Adobe Illustrator, Adobe InDesign)**
  - This ad/poster was created in the Art Deco style, and it highlights the subject of the 1952 Mercedes-Benz 300 SL "Gullwing." The car outline was created using Adobe Illustrator, while the background was designed with Adobe InDesign. The Process Book was accomplished using Adobe InDesign.
- **Magazine (PowerPoint, Adobe InDesign, Figma)**
  - Examined *Reader's Digest*, an American general-interest family magazine and established a style sheet guide. Using Adobe InDesign, I then redesigned the magazine with a focus on travel and leisure. Additionally, I adapted the design to suit the mobile platform.

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- **Hometown Travel App (PowerPoint, Adobe XD)**
  - Created a travel/tourism application for my hometown as a travel destination through Adobe XD. The application would be designed for a phone and tablet.

INTERNSHIP

- **In the Park (UX/UI, Web Designer)**
  - I led the UI/UX design by re-designing their website in Adobe XD. I incorporated the user interface into the website using a combination of HTML, CSS, JavaScript, and ReactJS.

RESEARCH

- **A smartwatch to assess processing**
  - Translating an iPhone application "feel and touch" to an Apple smartwatch application. Translating gestures, haptics, visualization, and sounds.

CERTIFICATIONS

- **Uxcel** – UX/UI Foundations, Design Composition, UI Components, Designing for Accessibility, HTML for beginners
- **ANZ Australia Cyber Security Management Job Simulation on Forage - September 2023**
  - Completed a simulation focused on identifying cybersecurity threats at ANZ
  - Investigated e-mails to report suspicious items
  - Analyzed a Packet Capture file using an open source tool to identify and investigate any potential threats
- **AIG's Shields Up: Cybersecurity Simulation on Forage - September 2023**
  - Research the vulnerability and publish an advisory to affected teams to alert and prevent exploitation
  - Wrote a simple python brute forcer script to break into the ransomware-encrypted files
- **Telstra Cybersecurity Simulation on Forage - September 2023**
  - Research the vulnerability and publish an advisory to affected teams to alert and prevent exploitation
  - Wrote a simple python brute forcer script to break into the ransomware-encrypted files

ADDITIONAL RELEVANT EXPERIENCE

- Secretary, Research and Development Club
- Student Media Service Technician, Chapman University

AWARDS

- Cathy's Apprentice – People's Choice Award, IEEE GameSIG Showcase 2023