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**Major:** Computer Science  
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**Course:** ECS 192, 3 Units  
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**Company:** Pitchbooking

## Software Engineering in Scotland with Pitchbooking

### Accomplishments

While interning, I worked with another intern to develop an analytics page for events using React, Chart.js, HTML and CSS. Together, we successfully collaborated to fully design and implement this new feature-rich page for the Pitchbooking Website. Through dividing and conquering work, I took the lead in the front-end design of the page, starting with sketching various user interfaces on paper and then moving the storyboarding to Figma. While making adjustments for mobile and desktop view, I was able to design multiple versions of the page. After getting feedback from mentors and clients through meetings and the Slack Channel, I was able to finalize a first draft design and start to implement it with HTML and CSS as well as utilizing Chart.js for the display of the data. Completing the UI/UX of the website was difficult as I had to continuously make changes as issues came up, but the development team was easily available and were a great help in answering my questions.

While the other intern took lead in the backend part of the project, I still was able to learn and input my ideas into the code. The data had to be retrieved with an API call from the server so that we could use the data in the data charts. Using Node.js, we had to organize the events with emphasis on retrieving Company ID's, Revenue, Capacity, Number of Allocations and more. After storing this data in a map, we were easily able to retrieve the data when we needed to use it. Dealing with the data was challenging because some events were missing data such as they had unlimited capacity, and thus there were a lot of edge cases we had to account for and had to seek help from the rest of the team to see how they wanted to handle them. However, I was able to work closely with the other intern to work together on problems and seek help with our mentors when needed to complement the project.

### Skills Acquired

The top skills that I have learned during my time at Pitchbooking is Teamwork, Communication, Taking Instruction, and Technical Skills in particular, Front End CSS HTML skills and React.js Backend Skills.

Teamwork and Communication are skills that were developed through working in the Pitchbooking Development Team. Being part of a team helped me grow as a coder as well as a teammate. Working with the other intern allowed us to identify our strengths and help each other in our weaknesses. We were able to develop a strong system in which we were able to work together by developing a plan and then splitting up the parts in order to get the task done. Working with the Pitchbooking development team mentors was extremely rewarding as I was able to learn from them and how they organize and develop their code and use some tips that they provided that I can carry with me for the rest of my career. Enhancing my teamwork abilities was closely intertwined with my continual refinement of communication skills.

The technical side of the internship allowed me to improve my coding skills through problem solving through issues as well as improving my knowledge of coding languages such as React.js, HTML and CSS. While learning how to take instructions through understanding the tasks given to me and being able to implement what I had developed digitally and turn it into a working software. The experience of going through the full development process of a project allowed me to improve my project management skills through learning how to design a product and improve it based on feedback.

### **Objectives Completed**

The objective of my internship was to be immersed in a different culture while exploring the field of Computer Science using what I learned at UC Davis and learning new perspectives that the worldly experience brought. During my internship at Pitchbooking, my university experience in adapting to new coding languages proved invaluable. I applied the same process of online research and implementation through exercises from my classes to unfamiliar languages at Pitchbooking and provided me with an important toolkit when faced with obstacles in the workplace. Additionally, my strong time management and problem-solving skills, developed through the fast-paced quarter system at UC Davis, helped me effectively balance academics, work, and other activities which I utilized in the Internship and will need to implement to my daily life once I graduate. I learned how to work with a team and how to design a product from the start to the end. The internship allowed me to explore my passion for design and coding while identifying areas for improvement, such as backend server tools and accessible designs. I was also able to learn new perspectives about things from my mentors and apply it to my designs. Completing an internship in another country allowed me to immerse myself in a different culture and broaden my understanding and appreciation of diverse customs and enhance my cross-cultural communication skills. The expansion of my global mindset allowed me to push out of my comfort zone and improve my independence when facing new situations. Overall, the experience provided valuable insights into the software development industry and affirmed my career goals for once I graduate from University.