Computer Science Students' Internship in Prosecutor General's Office

Computer Science students (Dheema Hussain, Rashnan Mohamed Shihab, Zaan Mohamed Zulaal, and Fathimath Hamna Abdulla Shan) have completed their 6 months internship at PGO. This is the first industrial exposure of Computer Science department students. During this internship students developed the PGO staff portal. The industrial exposure helps students to hone their skills in real-life environments. We thank PGO for hosting these students and giving them enduring experiences.

Expanding minds … extending horizons
Faculty of Engineering Science and Technology

"I am so grateful for this opportunity and the experiences I had within the 6 months I worked at PGO. I learned so many skills that I couldn't have learned from attending university classes. It was very interesting to learn how to use the information taught in university and apply them in real world situations. I loved the people I worked with, both the PGO employees who were so patient and helped us through every step of the process starting from the very basics, and my fellow colleagues who made this internship the most enjoyable and fun experience possible. I learned so much about teamwork and developing in collaboration with other people and will forever cherish these few months."

– Fathimath Hamna Abdulla Shan

" During my time as an intern at the PG office our team was assigned the task of helping in developing their internal staff portal. While doing so, I had to learn and make use of new frameworks such as vue and laravel. It also provided insight on how a real working environment functions, and helped me understand the necessity of collaborating with one another and the importance of making sure you are not saving over someone else's work when working on the same file. Overall, this internship was an enjoyable and educational experience and I am thankful to mnu and fest for providing me with this opportunity."

– Zaan Mohamed Zulaal

"This internship had been an incredible opportunity to learn and contribute to the development of parts of the staff portal, utilizing technologies like Vue.js and Laravel to build the key features. This opportunity has offered valuable hands-on experience in transforming complex requirements into functional tools. The supportive environment made this experience truly rewarding, helping me grow both technically and personally. Collaborating with my team taught me the importance of communication, teamwork, and attention to detail. It was fulfilling to know that my work contributed to a system that supports legal professionals in their work. This opportunity has reinforced my passion for making a technological impact on the Maldives and had been a significant step in my academic and professional journey."

– Dheema Hussain

An apprenticeship program is one of the biggest requests of the students in Bachelor of Computer Science. This is because our profession, software development, focuses extremely heavily on real-world application and experience. With regards to this, my internship with the PGO was exemplary. From the get-go, we were treated as proper staff; we were given work on a proper project and were expected to finish it within the deadlines provided. Our task was to create a web system that can book/view/manage venues within the many branches of the PGO. While the frameworks we had to use were out of scope of our course, they had one of their IT staff to guide us when we were stuck. We learnt how to integrate a Laravel API server with a Vue-JS frontend, both of which are commonly used in the web development profession. We were also taught how to integrate an SQL Server used in production to this API server. In addition to field-specific skills, the internship also helped us develop teamwork, punctuality, time management and other soft-skills essential in the not just our industry, but in any professional environment.

– Rahnan Mohamed Shihab

Architectural Adventures
Community and Cultural Study at F. Magoodhoo

In an effort to bridge the gap between theory and practice, and to guide students in their studio projects, architecture students of the Faculty of Engineering, Science, and Technology recently undertook an exciting field trip to Faafu Atoll. From February 14th September to 21st September, a group of fifty enthusiastic students, accompanied by three lecturers, traveled to study the existing context of the Island of F. Magoodhoo, exploring architectural design, community design, cultural resilience, and behavior through a collaborative analysis.

The first several days were dedicated to a collaborative effort, where students from both the second-year (Semester 4) Architectural Design 4 and first-year (Semester 2) Culture 2 courses joined forces to collect data from F. Magoodhoo. They studied the island's natural and built environment, zoning, infrastructure, amenities, and cultural and social attributes. The Architectural Design 4 students focused on community design elements, public spaces, and social infrastructure, while the Culture 2 students concentrated on analyzing the island's cultural heritage, behavior patterns, and traditions that shape the community's identity.

Interviews with local stakeholders, including residents and community leaders, provided valuable insights into the challenges faced by the community as well as perceptions about how architecture and cultural preservation can support sustainable development. The collaborative nature of the analysis allowed students to integrate architectural, cultural, and behavioral studies to develop a comprehensive understanding of the island's needs and opportunities. A comparison study was conducted on a neighboring island to observe differences in community design, behavior, and cultural practices.

A key highlight of the trip was a visit to local heritage sites on F. Magoodhoo, where students explored traditional

practices of using the local environment and passive design techniques. These insights helped students understand how historical and cultural context influences the design of community spaces and public infrastructure.

In the final stage of the trip, the students presented their preliminary findings. This collaborative feedback session enabled them to refine their proposals, integrating knowledge from community and cultural perspectives as well as insights gained from behavioral analysis.

This field trip was not merely a recreational excursion; it served as the foundation for the students' ongoing Architectural Design 4 and Culture 2 projects. The fourth-semester students are tasked with studies related with community, while the second-semester students focus on analyzing cultural and behavioral aspects. These projects emphasize the importance of understanding the contextual, architectural, cultural, and behavioral details that shape community life.

As the students return from their enriching field trip, they carry with them a deeper understanding of how architects and designers can contribute to sustainable development in island communities while preserving cultural heritage and fostering positive behavior patterns. This collaborative journey exemplifies the faculty's commitment to experiential learning and fostering an appreciation for the intricate relationship between architecture, community, culture, and behavior.

FEST visits Hithadhoo

The purpose of the visit is to promote our courses and observe how our courses are being conducted. In this trip our Dean Adam Khalid, Computer Science Department Head Mariyam Humra, Engineering Department Head Hassan Shiraz, and Senior Administrative Officer Saamiya Ali participated. During the trip we conducted training sessions on Canva and R, focusing on enhancing the participants' skills in visual design and data analysis, respectively.

1. Canva Training. Canva is a user-friendly graphic design platform that allows users to create stunning visuals for various purposes, including social media, presentations, and marketing materials. Enhanced Visual Communication: Participants learned how to create visually appealing content that can effectively communicate messages. Gained proficiency in design tools, which can boost creativity and confidence in producing high-quality graphics. Canva's wide range of templates and design elements enables users to customize designs for different audiences and purposes.

2. R Training. R is a powerful programming language and environment for statistical computing and graphics. It is widely used for data analysis and visualization. Participants learned how to analyze data sets, perform statistical tests, and interpret results. Increased understanding of statistical concepts, which is critical for making informed decisions based on data. Proficiency in R is highly valued in various fields, including data science, academia, and business analytics, opening new career opportunities.

The training sessions provided valuable skills that will enable participants to enhance their professional capabilities.

The combination of Canva and R training equips individuals with the ability to both visualize data effectively and conduct thorough analyses, which are essential in today's data-driven environment.

This campus evaluation trip successfully met its objectives by providing participants with hands-on experience in Canva and R. The skills acquired will not only benefit their individual projects but also contribute to their overall professional development.

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Air Quality Index (AQI) Values

Levels of Health Concern	Good	Moderate	Unhealthy for Sensitive Groups	Unhealthy	Very Unhealthy	Hazardous
	0 - 50	51 - 100	101 - 150	151 - 200	201 - 300	301 - 500

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