

資工系學生 曾士珍： 對資訊與程式設計充滿熱情



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本院資工系學生曾士珍的名字，因她參加知名 YouTube 節目「Dcard 調查局」而在大學生群體中引起討論。當時，她在節目中幽默地分享了自己參加國語演講比賽的經歷，憑藉獨特的吐槽風格和冷面幽默，迅速吸引了大量網友的關注。這段有趣的故事成為她踏入大眾視野的契機，然而，在節目之外，曾士珍還是一位對資訊與程式設計充滿熱情的學生。

從資訊社團到程式設計的興趣

談及她對資訊與程式的興趣，曾士珍笑著回憶說：「其實我對資訊的興趣是從爸爸來的，爸爸是那個資訊老師然後他就是有教一些比較基礎的東西，但是沒有教到太難。國中就是認真念書，直到我高中的時候才剛好參加了程式類社團。」當時，她在新竹女中加入了校內的程式設計社，並在其中學習了基礎的程式設計，這為她後來參加 APCS 考試打下了良好的基礎。她表示，這段經歷讓她逐漸愛上了程式設計，也促使她在大學選擇了資工系。

曾士珍特別提到高中時參與了交大與清華合辦的「資訊之芽」計畫，這項針對資訊與演算法的課程不僅讓她獲得了更多實作經驗，也讓她更深入理解了程式語言的邏輯。「我高一時學了 C++ 的基礎語法，高二則選修了演算法的進階課程，這些知識在我後來的學習中幫助很大。」她分享在他的學習過程中，蠻多基礎的資訊知識都是在這個課程學會的，台大也有開這個課程，許多資質優異的選手都是透過這個課程培養出來的，也鼓勵想精進程式設計的同儕一同去磨練與學習新知。

大學生活中的多元參與

進入陽明交通大學資工系後，曾士珍的學習與活動並行，她不僅專注於課業，也積極參加系內外的活動。她與同學們一起組織宿營，透過籌辦活動聯絡感情，並在多屆學長姊的傳承經驗下，深刻感受到資工系中前後輩之間的深厚連結。他認為資工系上有許多傳承的活動，讓他感受到大家共同創造的回憶，不僅是學習的成果，也是一種屬於資工系的認同感來源。

除了參與系內活動，曾士珍還積極參加了陽明交大與清華大學聯合舉辦的梅竹黑客松。她

加入了開發部，負責架設黑客松的報名網頁，將資工系所學的技术實際應用於這場大型競賽中。這次參與不僅讓她有機會拓展人脈，也使她能夠運用專業知識協助專案完成，並在實踐中提升技能。此外，她還學會了如何在團隊中有效合作，並認為這對她未來的發展非常有幫助。

課業與活動的平衡：多元發展的挑戰

除了程式競賽和系內外活動，曾士珍也提到在大學生活中，如何平衡課業與活動是一大挑戰。「資工系的課程其實很繁重，尤其是一些核心必修課像是線性代數這類數學相關的科目，不僅需要花大量時間理解，也需要反覆練習才能掌握。」她透露，自己上學期在修習線性代數時表現出色，還獲得了系上提供的獎學金，該獎學金專門發放給課程成績位於前 5% 的同學。這對她來說，不僅是對學習努力的肯定，也是一種鼓勵她繼續精進的動力。

她表示，雖然課業壓力不小，但透過合理的時間規劃和對每一項活動的投入，她也逐漸找到了適合自己的學習節奏。「課堂上的學習固然重要，但參加活動也能學到很多課本以外的東西，例如溝通能力、團隊合作和組織策劃，這些都是我覺得大學生活裡非常寶貴的經驗。」她坦言，平衡學業與活動雖不容易，但兩者的交織讓她的大學生活更具意義。

展望未來：程式競賽的挑戰與成長

對於未來，曾士珍有著清晰的目標。她計劃參加更多的程式競賽，例如國際性的 ICPC 競賽，來進一步提升自己在實作與團隊合作方面的能力。她認為，大學與高中最大的不同在於，程式競賽多以團隊形式進行，需要共同討論、解決問題，這種合作模式讓她覺得非常有趣。「我很幸運在大學裡找到了一群志同道合的朋友，未來也打算繼續加強訓練，參加更多這類型的競賽。」曾士珍的故事展現了她如何在幽默與專業中找到平衡，從演講比賽到程式競賽，她不僅在大眾面前展現了風趣的一面，更以紮實的實力在學業與活動中取得佳績。她的多元經歷和持續的努力，讓我們看到了這位年輕資工系學生的無限潛力，不僅在課業和活動中平衡自如，也以她的努力和天賦，塑造出了一個全面發展的資工系學生形象。

Meet Shih-Chen Tseng: A CS Student Passionate about Computer Science and Programming

Shih-Chen Tseng, a student from the Computer Science department, has gained attention from college students after appearing on the popular YouTube show "Dcard Investigation Bureau." In the episode, she humorously recounted her experiences in a Mandarin speech contest, captivating a large online audience with her distinctive humor and deadpan delivery. This entertaining narrative marked her entrance into the public eye. However, beyond her television debut, Tseng remains a dedicated and passionate student committed to computer science and programming.

From Involvement in CS Clubs to a Passion for Programming

Reflecting on her interest in computer science and programming, Tseng smiled as she shared, "My passion for computer science comes from my dad. He's a computer teacher who introduced me to some basic concepts, although nothing too advanced. In middle school, I was primarily focused on my studies, but in high school, I joined a programming club." At Hsinchu Girls' High School, she became an active member of the programming club, where she developed fundamental programming skills that laid a strong foundation for her later participation in the APCS exam. She noted that this experience gradually ignited her love for programming and significantly influenced her decision to major in Computer Science in college.

Tseng highlighted her involvement in the "Sprout" program, jointly organized by National Chiao Tung University and National Tsing Hua University during high school. This program focused on programming syntax and algorithms, providing her with valuable hands-on experience and deepening her understanding of programming logic. "In my first year in high school, I learned the fundamentals of C++. In my second year, I took an advanced course in algorithms. This knowledge has been incredibly beneficial in my subsequent studies," she noted. She emphasized that much of her foundational knowledge in computer science originated from this program. National Taiwan University also offers similar courses, where many talented students have honed their skills. She encourages anyone interested in enhancing their programming abilities to learn and explore new knowledge together.

Engaging in Diverse Activities at University

Upon joining the Computer Science Department at National Yang-Ming Chiao Tung University, Tseng effectively balanced academics and extracurricular pursuits. She dedicated herself not only to her coursework but also to engaging in extracurricular events. Together with her classmates, she organized camping trips, which helped strengthen their connections through collaborative planning. Drawing on experiences shared by senior students, she developed a deep appreciation for the strong relationships between juniors and seniors within the department. Tseng believes that the many traditions in the Computer Science Department foster shared memories, contributing not only to academic success but also to a unique sense of identity among its members.

Tseng actively participated in the Mei-Zhu Hackathon, a collaborative event between National Yang Ming Chiao

Tung University and National Tsing Hua University, in addition to her involvement in departmental activities. As a member of the development team, she was responsible for creating the registration website for the hackathon, drawing on the technical skills she gained in the Computer Science Department. This opportunity not only expanded her professional connections but also allowed her to apply her knowledge to successfully complete the project, significantly enhancing her skills through practical experience. Moreover, she refined her collaborative abilities, recognizing their importance for her future career.

Balancing Academics and Activities: Navigating the Challenge of Diverse Growth

Tseng is involved in programming competitions and various extracurricular activities. She mentioned that balancing academics with these commitments can be challenging in university life. She also noted that coursework in the Computer Science Department, especially core subjects like linear algebra, can be demanding, requiring substantial time to understand and practice to master. Last semester, she excelled in linear algebra and received a scholarship from the department for ranking in the top 5% of students. Tseng views this recognition not only as validation of her hard work but also as motivation to continue striving for improvement.

She stated that although the academic workload is considerable, she has gradually found a learning rhythm that works for her through effective time management and her commitment to each activity. "While learning in the classroom is important, participating in activities allows me to gain many skills beyond textbooks, such as communication, teamwork, and organizational planning. These are invaluable experiences in university life." She admitted that balancing academics and extracurriculars is not easy, but the interplay between the two has made her university experience more meaningful.

Challenges and Growth in Programming Contests

Tseng has a clear vision for her future. She aims to participate in more programming competitions, including the international ICPC contest, to further develop her skills in implementation and teamwork. She notes that the primary distinction between college and high school is that programming competitions are typically team-based, requiring collaborative discussion and problem-solving, which she finds highly engaging. "I'm fortunate to have connected with a group of like-minded friends at university, and I plan to continue honing my skills and participating in more competitions like these." Tseng's journey highlights her ability to balance humor with professionalism. From speech contests to programming competitions, she has not only showcased her wit in public settings but also achieved impressive results in her academic and extracurricular pursuits through her strong skills. Her diverse experiences and persistent efforts reveal the tremendous potential of this young computer science student, who skillfully navigates both her studies and activities, crafting a well-rounded identity as a future computer science professional.