SYSTEM DEVELOPMENT@ CREDENCE (TM SUBSIDARY)

28th DECEMBER 2023

REPORT

Prepared by: 6 BOYS
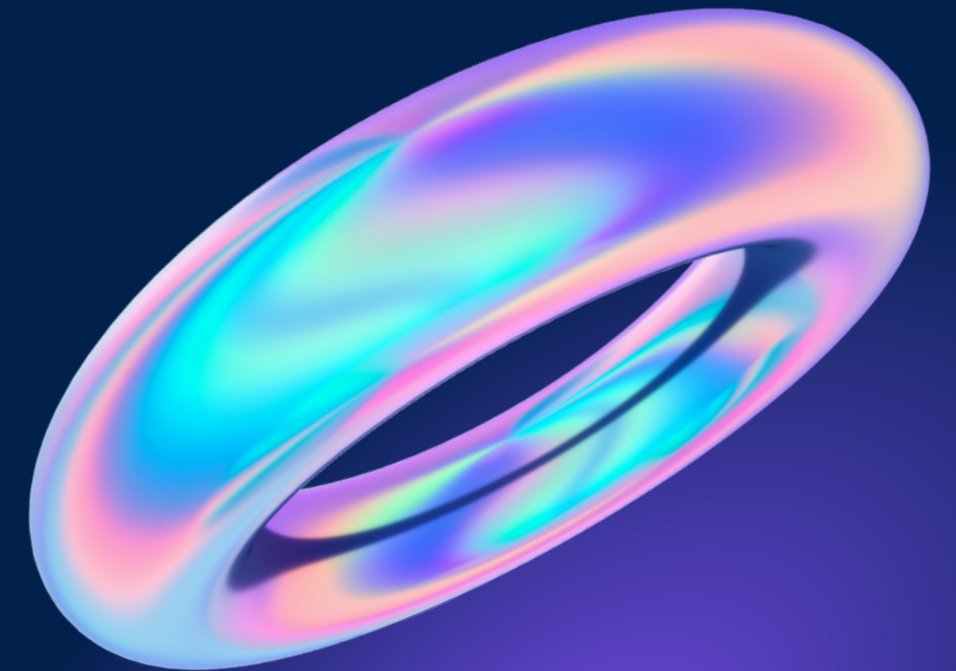MERVYN BEE ZHENG CHENG A23cs0245
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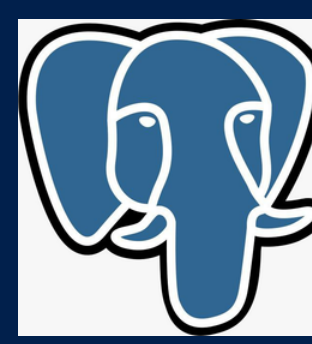# Description of system development

System development is the process of defining, designing, testing, and implementing a new software application or program. It could include the internal development of customized systems, the creation of database systems, or the acquisition of third party developed software.

History of credence's system development

Credence System Corporation was a test equipment manufacturer for the global semiconductor industry. David Mees founded the system in 1978 as Semiconductor Test Solutions; the company changed its name to Credence after acquiring Axiom and ASIX in 1990. On October 28, 1993, the company completed its initial public offering. Prior to the merger with LTX in 2008, it was publicly traded on the Nasdaq under the symbol CMOS. It had a headquarters in Milpitas, California, and offices in twenty countries. Among the customers were integrated device manufacturers (IDMs), wafer foundries, outsource assembly and test (OSAT) providers, and fabless chip companies. Up until now, the prevalence of system development has increased, leading to the adoption of "agile" or "extreme programming" techniques in order to satisfy the strong demand.

Industry Talk 2 (28 December 2023)

Technologies and tools used in system development

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Industry Talk 2 (28 December 2023)

Reflection

Avidian

After attending the talk and doing my research on system development,I decided to become a software developer.In these 4 years,I will expand my knowledge so that I have a good foundation in the future.I will also intern in a company that focuses on software development so that I will get the working life experience.

Mervyn

For the next four years, I plan to excel my programming language, software programming, and also security protocols through multiple ways in order to have a foundation in system development.

Tishen

As a student, I will continue my cyber security studies in my University. In the process, I will learn about programming languages such as Java and C++. During my internship, I will get to know more about system development as I will be interacting with employees who has experience as a system developer.

Danial

Over the next four years, I want to become a good system developer. I'll keep going even when things are tough, remembering the tips and lesson from the career talk. I'll learn more about analytics by understanding and remembering what i learn in lecture class.The workplace during my internship soon will make me more unstoppable , like always learning and working in a team,improve communication skills and so on. With confidence, I hope to be a helpful system developer in the future.

Soon Kiet

After the industrial talk, it gave me a perspective into what it takes to land a job in software development. In the next 4 years, I will learn about more ins and outs in programming, expand my skills to more broader subjects. Hopefully I will intern at a company that can further myself on this journey of learning software development, greatly increasing my knowledge to becoming a better person.

Omar

In my view for a first yeas CS student I still have 3 more years to figure out which developer career ill follow through and to get that done i need a good résumé, patriciate in projects related, solving problems and connecting which will help me land a job in a place I want.