Rajesh

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EDUCATION

SE University ME (GPA 4.03 / 4.3) Sep. 2021 - Exp. Jun, 2023,
[MS student of Scionce in Computer Scones (Institute of Muitimeia Engineering) Hsinchu, Tawan

 + Concentration: internet of Things (oT), Web Develop (Python, Flask, Vues, SQL)
+ Courses: Advanced Algortim, Computer Graphics, Image Processing, Advanced Prograsnming in UNIX

ERE University - MIME (GPA 3.7/4.0) Sep. 2017 - Jun. 2021

 Bachelor in Mathematics (Double major in Computer Science) Taoyuan, Talwan
+ Courses: Data Structure, Operating System, Assembly, Discrete Mathematics, Advanced Calculus, Algel

PROFESSIONAL EXPERIENCE

Institute of Information Science 0 Jul. 2020 - Aug. 2020
Research Assistant Intern (python, tmux) Tatpel, Tawan
 + Implemented simulation program of the Multiree Mulicast Segment Routing (MMSR) algo
and the Segment Tree Routing and Update Scheduling (STRUS) algortim,
 +The paper wore proposed in IEEE "Mulcast Trafic Enginoering with Sogment Trees n Software Defined N
+ The control overhead of STRUS is 20 - 80 % lower than other algorithms.
+ The video re-buffering time of STRUS is 17 - 65 times shorter than otters.
 Seminar in Computer Science Department in IL Feb. 2019 - Jun. 2020,
Project Team Member In Lab - collaborate with hospital Taoyuan, Talwan
= Swallowing System (Unity, C#, python)
+ Implemented game system to help dagnosis and to assist patents who have difculies in swallowing,
Brain Wave Monitoring Game System in virtual reality (VR, Unity, C#)

 + Use bran wave system and games fo tran the artension of chidran wth Antention Defict Hyperactwiy Dis
+ Partitpated in TANET 2019 Talwan Intomet Symposium and published paper.

SKILLS

+ Languages : C++, C, Python, Java, C#, SQL, HTML, CSS, Javascript, Matlab

- Framework / Tools : Git, Flask, Bootstrap, Postman, Linux, Docker, Unity, ita, Noto, Tello, Figma, Miro

+ Speaks : English (TOEFL 88), Chinese (nave) - Others : UX and Usabily Evaluation (Partner with Turing

PROJECTS

Simple instruction-level debugger (C, Assembly, UNIX) Feb, 2022- Jun, 2022

+ Implement a simple instucion-level debugger in C.

Allows user to debug a program interactively atthe assembly insructon level.

Color Contact Lens Detection Fb. 2020 - Jun. 2020

+ oop Learning in Biometric Ant-Counterfotng Identfication, using Mask P-CNN 1o dent is images.

+ The capture accuracy reaches 99.1%, and the recognition accuracy rate reaches 96.4%,

Teaching platform for Python and Calculus (Laravel, HTMLICSS, Javascript, PHP) Jul 2018 Aug. 2018

+ A.websie that allows faculy and students to upload, view, download assignments and input feedback que

+ Load a team of 3 parttime assistants 1o complete this platform for hundreds usors.

Skills Examples Steps Checklist