Hedelong Shi

Location: **51Goulburn St, Hobart, TAS, 7000**

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CAREER OBJECTIVE

An imaginative and creative student wants to join an innovative IT company in order to learn and improve work experience.

A high level of experience with object languages (Java, C#, C, Swift), current projects include deep learning and blockchain. With two high-quality research projects, I can provide great creativity and the latest technology, teamwork and efficient communication for this position.

TECHNICAL SKILLS

Computer software	Microsoft Office (Word, Excel, PowerPoint), Adobe Creative Suite (Photoshop, Lightroom), XCode, GitHub, Visual Studio, Emacs, Dash, StarUML, AWS, Jetbrain IDE
Programming Languages	Java, SQL, C, C#, Python3, XAML, MySQL, Swift, Python
Computer Systems	Windows service Windows10, Linux, Mac OSX
Mathematic	Calculus, differential equations, ODE, linear algebra, matrices.

EDUCATION

Bachelor of Science   **26 Feb 2018 –Current**

University of Tasmania, Hobart

Advanced Diploma of Translating   **25 Sep 2017 – 12 Mar 2018**

Empire Institute of Education, Hobart

UNIVERSITY PROJECT

Client Ali Raza   **8 Oct 2018 – 28 Feb 2019**

UTAS Blockchain Project CoDer (UTAS)

    Objective   In this project, it will be designing decentralized applications (Dapps) on blockchain for business, finance, education and security domains. Ethereum will be the platform on which applications will be designed.

    Programming skills Solidity, Java, PHP and C++

    Duties   Coordinate with other members and get their progress update

Installation of Ethereum along with setting up the environment for creating transactions and smart contracts.

Installing Ethereum (including any dependencies required) and how to set up an account in Ethereum, how to mine Ethers and how to write and test Smart contract on Ethereum.

    Learn   Designed and implementation of the project completed independently within schedule

    Client Wenli Yang   **8 Oct 2018 – 28 Feb 2019**

UTAS Blockchain Project CoDer (UTAS)

    Objective   Helping an Autonomous Underwater Vehicle Navigate in Deep Ocean Using Sonar Image Recognition and Matching Techniques": utilizes sonar images to construct a series of reference views along the AUV path, and then re-navigate along the path based on image matching using deep learning methods.

    Programming skills CNN, python3

    Duties   Position the deep sea by a deep learning model.

By deeply learning the sonar picture, the exact position in the deep sea is determined based on the shape and length of the sonar picture, and an executable program is generated.

    Learn   Learned how to use Python3 language for deep learning, and artificial intelligence to identify deep images and images, and the collaboration with IMAS has improved the capture of video.

EMPLOYABILITY SKILLS

Time management	Complete each task and manage the team's time concept. Studying in UTAS has given me excellent time management skills to multitask and work under pressure while maintaining accuracy.
Self-motivation	Striving for achievements and challenges for self-improvement. Coding is a job that is easy to get bored and tired, I will meditate, or use sports to get me back to efficient work and programming.
Teamwork	Ability to work within a team while being productive and working autonomously. The power of the team is always greater than one person, and collaborative programming with two people makes the program efficient and focused.
Problem Solving	Ability to identified and solved the issues during web project and internship
Program logic	Makes it easier to think about using program logic, which makes the discussion program more efficient and convenient, and easier for teammates to understand.

LANGUAGE SKILLS

English: Fluent in speaking and writing

Chinese: Mandarin native language

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