

Jiahong Que

bill.qjh@gmail.com

Proactive professional lecturer and programmer with 7+ years of experience and a proven knowledge of teaching, programming, and mathematics.

Aiming to leverage my skills to successfully fill the Ph.D role in your team.

PROFESSIONAL EXPERIENCE

Civil Aviation Flight University of China, Chengdu, SICHUAN, September 2014 – Present

- Work on construction of Navigational Database providing outcomes of numerical and scientific computation in Python
- Establish a course of Computer Network for students majoring in Navigation Engineering, and teach two essential classes: Instrument Flight Procedure and Communication Navigation and Surveillance System
- Build a simulation laboratory of Software Defined Radio(SDR) for the Department of Air Traffic Management (ATM), and Set up websites for students online learning and make educational videos for programming courses
- Build receivers for ADS-B signals using single-board computers, analyzed data retrieved, and work on projects involving Python and Raspberry Pi ranging from a simple robotic car to constructing complex network with Machine Learning techniques

EDUCATION

University of Electronic Science and Technology of China (UESTC), Chengdu, Sichuan

Master of Science(M.S.), Computer Science (September 2011 - July 2014)

Chengdu University of Information Technology (CUIT), Chengdu, Sichuan

Bachelor of Science(B.S.), Communication Engineering(September 2006 - July 2010)

AWARDS & HONORS

- 2010-2011: National Top-Grade Scholarship
- 2011-2012, 2012-2013: National First-Grade Scholarship & Merit Student

CERTIFICATIONS

- IELTS overall band: 7.5
- University Teacher Qualification Certificate of China
- China Accreditation Test for Translator and Interpreters (CATTI) : level 3 translator

TOOLS/Frameworks

Python	Jupyter Notebook		Scikit-learn	Nltk
Tensorflow	Keras	Pytorch	Scipy	Sympy
Pandas	Scrapy	Numpy	Google Colab	
Django	Flask	Selenium	Matplotlib	