Jiahong Que

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

PROFESSIONAL EXPERIENCE

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

- Work on the construction of a Navigational Database providing outcomes of numerical and scientific computation in Python
- Establish a course on Computer Networks 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), Set up websites for students' online learning, and make educational videos for programming courses
- Build receivers for ADS-B signals using single-board computers, analyze data retrieved, and worked on projects involving Python and Raspberry Pi ranging from a simple robotic car to constructing a 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 forTranslator and Interpreters (CATTI): level 3 translator
- Google Advanced Data Analyst Certificate

TOOLS/FRAMEWORKS

Python	Matplotlib		Scikit-learn	Nltk
Tensorflow	Keras	Pytorch	Scipy	Sympy
Pandas	Django	Numpy	Selenium	