

Taiyang Luyi

E-mail: taiyangluyi@gwmail.gwu.edu | Phone: +15712165206 | Address: 2000 S Eads St APT 1216, Arlington, VA

EDUCATION

George Washington University, Washington DC, USA

09/2015-01/2017

- M.S in Computer Science;
- Anticipated Courses: Computer Architecture, Algorithm, Software Paradigm, Database Management, Software Engineering, Information Retrieval System, Computer Security, Big Data Analysis, Data Compression.
- GPA: 3.63/4.0

Brunel University, London, United Kingdom

09/2011-06/2015

- *B. S in* Computer Science;
- Anticipated Courses: Software Development and Management, Usability Engineering, Algorithm and their Applications, Networks and Operating Systems, Artificial Intelligence, Database Analysis.

WORK EXPERIENCE

Tongda Computer General Technical Co., Ltd Intern

04/2014-06/2014

- Implemented the data storage through designing tables of database;
- Probed into build relationship among tables based on demands of work order;

PROJECTS EXPERIENCE

“Here” Android App(JAVA), Brunel University of London | Developer

03/2014-05/2014

Subject: *Develop an app, named Here to help users find out the facilities based on their locations*

- Devised concise programs to add creative functions into the app;
- Polished the web design methods to improve user experience;
- Conducted the debugging to ensure the proper operation condition;

Artificial Neural Network Project(MATLAB), Brunel University of London | Developer

12/2014-03/2015

Subject: *Artificial neural network approach to aid in breast cancer decision making.*

- Analyse data from a huge number of patients who had cancer.
- Based on these data, using artificial neural network to create an algorithm and a curve;
- Type any data in the software, it will predict and show a result for the patient;

Database Project (SQL), The George Washington University | Developer

04/2016-06/2016

Subject: *Develop a database from the conceptual model to a fully functional database.*

- Build the database to reduce the pressure of the owner of the catering company.
- Design the data flow diagram, entity relationship diagram, dependency diagram and relational diagram.
- Schema normalization and optimization.

Computer Simulator Software(JAVA), The George Washington University | Developer

10/2015-12/2015

- Designed the Memory part of software using Java swing.
- Designed the Cache part of software using Java swing.
- Tested the cases to ensure the software running.
- Wrote project documentation on requirement analysis and drew UML diagrams including case diagrams, class diagrams, sequence diagrams and activity diagrams.

TECHNICAL & LANGUAGES SKILLS

- Programming languages: C, C++, Java, R, HTML/PHP/CSS/JSP, XML, SQL
- Applications: MATLAB, MySQL, Eclipse, Oracle, MS Visual Studio, MS Office
- Operating systems: Linux, Windows, Mac OS