CURRICULUM VITAE

Jermaine Oppong

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PROFESSIONAL BACKGROUND

2002 - present: Freelance IT Consultant, London

Freelance consultant in the design and development of online web applications, user

interfaces, multimedia and interactive content. I have experience in the design and

development of both client-side and server-side applications. Some of past projects

include the design and development of an e-business platform for insurance trading

using LAMP stack and Java /Tomcat, online directory system using LDAP/FileMaker/

IIS/ASP, chat system for online gaming using Flash/Actionscript/Java/Tomcat, online

scheduling system using Flex/Actionscript/Java/Tomcat and several Facebook

applications using Flash/Actionscrip/LAMP/Java/Tomcat and Facebook APIs.

1997 – 2002: Senior Systems Engineer, ICO Global Communications, London

In charge of data lab for prototyping and testing Internet services for mobile satellite

system; analyzed and evaluated mobile satellite network system design; validated

design solutions for satellite resource planning and management; involved in satellite

network operation planning.

Jan-Apr 1996: Aerospace Systems Engineer, NASA Marshall, United States

Involved in the preliminary design of a new launch vehicle; developed software tools

for launch vehicle design.

Mar-Sep 1995: Research Scholar, Center for Space Research, MIT, United States

Designed and developed a low-cost ground station for a scientific observation

satellite; developed digital signal processing software for processing the ground

station signal.

1992 - 1993: Systems Engineer, Motorola Electronics, Singapore

Responsible for the design, maintenance and upgrading of test systems supporting

the Mobile Data Products division operations; supervisor to 6 technicians.

Jan-June 1991: Research Assistant, Institute of Systems Science, Singapore

Analyzed and implemented new indexing schemes for an extensible database

system for use in Geographical Information systems.

EDUCATIONAL BACKGROUND

1995 - 1996: International Space University, France, Master of Space Studies.

The program emphasizes the multidisciplinary approach to space systems analysis,

design, finance, policy and management. Major projects undertaken include the

preliminary design of a Single-Stage to Orbit Launch Vehicle and the study of the

use of a network of small ground stations to monitor and access desertification

process.

1993 - 1995: Ecole Nationale Superieure des Telecommunications, France

French Graduate Engineering Degree in Telecommunication Systems. The program

primarily focuses on the design and operation of advanced telecommunication and

information systems with secondary emphasis on non-technical subjects such as

economics, finance, management and law.

1988 - 1992: National University of Singapore, Singapore

Bachelor of Engineering (Electrical) with Honors. Final year option in Communication

and Information Systems.