

Chao Lin

Address:

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Web:

cleanpages.github.io

EDUCATION

Bachelor Degree of Electrical Engineering

Université de Sherbrooke

3-year College Degree of Electronic Applied Technology

Professional Technical Institute of Nankai University

EXPERIENCE

SYSTEM SOFTWARE DEVELOPER

MAR 2017 - AUG 2020

CAE inc. Airbus A320 Vehicle Simulation

Specialist of Flight Surveillance System, Ancillaries and Environment Control System

- Analysis of real aircraft system technical documentation
- Development, Test and Integration of system software
- Investigation and correction of identified issues of flight simulator
- Customization of system software as per customer's requirement
- Interfacing flight simulator system software with rehost aircraft software binary packages
- Writing Acceptance Test Manual and customer release note of system software
- Interacting upstream with vendors Airbus, Honeywell AEROSPACE and THALES, and downstream with final customers

EMBEDDED SOFTWARE SPECIALIST

AUG 2016 - MAR 2017

CS Canada inc. Engine System Control Software Testing

- Developing integration tests for helicopter engine control software
- Programming C script to Automate tests on test bench
- Analysis of instrumented code to verify DO-178B compliance
- Writing final test report and deliver to customer

FLIGHT SIMULATOR TECHNICIAN

MAR 2016 - AUG 2016

CAE inc. Aircraft Training Center

- Preventive daily maintenance and software update of flight simulators
- Interpretation of customers training needs and simulator issues to CAE system software engineers
- Creating deficiency report for simulator issues

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INTERNSHIP

PROGRAMMER ANALYST

SUMMER 2015

Pratt & Whitney Canada, IT group

- Developed a web application collecting engine testing data from various servers and generating HTML log sheets as per customer's request
- Working with users to define application design and improve user experience
- Implementing, testing and validating the web application

ENGINE CONTROL SYSTEM DEVELOPER

AUTUMN 2014

Pratt & Whitney Canada, Helicopter Engine Control

- Improving auto-test simulation tool for engine servo control system
- Developed a GUI application generating test input signals
- Participating in Software Develop Document update

COMPUTER VISUAL SOFTWARE TESTER

WINTER 2014

Matrox Electronic System, Design Assistant team

- Executing test plans to ensure the quality of software products
- Development of automated testing C# scripts

COMPUTER SOFTWARE PROGRAMMER

SUMMER 2012 and

CAE inc. Core Engineering

WINTER 2013

- Refactoring old image deployment tool on new platform
- Automating system information collection
- Associating IT system administrator investigating daily issues

LANGUAGE

English, French and Chinese Mandarin

SKILLS

Programming Language: C++, FORTRAN, Java, Python, HTML and JavaScript

Operation Systems: Microsoft Windows and Linux (Debian and Red Hat)

Version Control: Git/SourceTree, TortoiseSVN and Starteam

Project Management: ATLISSIAN JIRA