C++ Software Development Intern
6 month Internship Program
Topic: Identification screen in light UI

About us
Join us and shape the future of travel. Amadeus is part of everything it takes to bring travel to life. We provide the technology that keeps the travel sector moving – from initial search to making a booking, from pricing to ticketing, from managing reservations to check-in and departure processes.

Our people are driven by a passion for ‘Where next?’ and our ambition is to improve the travel experience of hundreds of millions of people every day. At Amadeus, you can take pride and responsibility in your work, facilitating the entire travel journey from door to door. Amadeus does this by joining up key players in the travel industry: travel agencies, corporations, airlines, airports, hotels, railways and more. We give those companies the tools to serve travellers better and to manage their own business more effectively.

Amadeus is at the heart of the global travel industry. Our people, our technology and our innovation are dedicated to working with our customers and partners to shape the future of travel.

The role
Always wanted to work on a practical, Mission Critical Application?

Join Amadeus to work on the next generation of Departure Control System (DCS). Our system handles your airport experience: Check-in, Baggage, Boarding, Seat Requests, Etc. for Qantas and many more airlines across the world.

Our system is constantly improving, driven by airlines requirements, and possibly by YOU!!

The Altea DCS – Customer Management (CM) product is used by airlines to perform check-in activities for their flights. It consists in a client-server application – the user interfaces (check-in desks, kiosks, websites...) sending messages to a server which performs all transactions.

More than 300 business analysts, developers and testers work together on this project, in a multi-site development environment (London, Sydney, Bangalore, etc).

Currently, our front end consists in a Java/Swing application which communicates with our server. The objective from this internship is to work on a prototype of the identification screen (screen displaying all passenger details) and to implement it on a html UI, embedded in our front-end. This would consist in a proof of concept for some potential evolution of our UI.
Main responsibilities

• The intern would work using an incremental methodology.
• The intern will have to study our homemade frameworks
• The intern will have to design the new screen, trying to replicate the current one implemented with different technologies
• The intern will have to implement the screen

Requirements

Personal Skills

• Analytical and conceptual thinking
• Good communication skills
• Ability to prioritize
• Creativity

Programming Skills

• Java or C++
• Scripting languages
• Strong interest in algorithmics
• Ability to read and understand existing code

Location

Sydney

How to apply?

Please apply by logging onto www.amadeus.com/careers citing the topic as reference.