Kyle O'Connor

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Senior level Software Engineer with strong technical and leadership skills as well as 10 years of experience across the R&D, defense and biometrics industries.

SKILLS

SOFTWARE ENGINEERING

SOFTWARE DESIGN

VISUAL STUDIO

C

CONTINUOUS INTEGRATION

STATIC ANALYSIS

UNIT TESTING

C++

SUBVERSION

LINUX

WINDOWS

JAVA

ANDROID

JENKINS

C++/CLI

MSBUILD

TFS

C#

SOFTWARE DEVELOPMENT

DEVOPS

EMBEDDED SOFTWARE

EMBEDDED LINUX

EMBEDDED SYSTEMS

EXPERIENCE

Princeton Identity
Lead Software Engineer   Aug 2016 - Present

Lead the software team and all software development efforts Responsible for cloud architecture and operations in AWS Design and develop embedded software, frontend and backend web applications for multimodal biometrics products Implement and maintain DevOps infrastructure on-prem and in the cloud Familiar with mobile development on Android and iOS

SRI International
Software Engineer III   Jul 2010 - Aug 2016

Member of System Software Design and Development group Maintained common software framework across all products Designed and developed software for multiple products in the biometrics and geospatial domains such as multimodal biometrics on mobile (Android) and embedded platforms and real-time video processing and georegistration systems Supported the infrastructure for continuous integration, static analysis, and unit testing

Lockheed Martin ATL
Software Developer   Apr 2009 - Sep 2009

Member of User-Centered Interfaces group focusing on Human Computer Interaction Lead the integration of two major internal software products Interfaced with spoken language understanding technology Handled multiple development tasks in Java and coordinated with a team of developers Implemented software utilities to automate manual testing tasks Designed dynamic and interactive interfaces for augmented reality efforts

Lockheed Martin MS2
Test Engineer   Apr 2008 - Sep 2008

Member of Engineering Test & Evaluation team for Ballistic Missile Defense signal processor Performed radar and signal processing tests at navy test facility Wrote documentation for test requirements and procedures Obtained full secret security clearance and dealt with classified information

PJM Interconnection
IT Support Analyst   Apr 2007 - Sep 2007

Member of Windows Infrastructure department Supported packaging and distribution of software/updates to company Aided department with general IT and Windows support Instrumental in training new employee on packaging processes

EDUCATION

Drexel University
Sep 2005 - Jun 2010
BS - Computer Engineering

LANGUAGES

Brazilian Portuguese
Elementary proficiency