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| Name | Oscar Ganteaume | | Labor Category | Senior Software Systems Engineer |
| Company | Axios, Inc. | | Availability | 11/15/2010 |
| Clearance | TS/SCI | | | |
| Qualifications Summary | | | | |
| Experience in software development and engineering with a focus in communications signal processing systems. | | | | |
| Education/Certification/Training (BSEE or BSCE or BSCS) | | | | |
| MS Systems Engineering – Virginia Tech (Sept 2003)  BSCE – Florida Atlantic University (2000) | | | | |
| Work History | | | | |
| Nov 2010 – present | | Axios, Inc. (Member of Technical Staff) | | |
| Jul 2003 – Nov 2010 | | Northrop Grumman (Software Engineer) | | |
| Feb 2001 – Jul 2003 | | Teknowledge Corporation (Software Engineer) | | |
| Apr 1997 – Feb 2001 | | Omega Research Inc. (Data Service Analyst Supervisor) | | |
| Relevant Experience and Skills (9 – 15 years) | | | | |
| Experience with Digital signal processing and/or protocol processing in software | | | | |
| Wrote different interfaces and frameworks to host digital signal processing applications | | | | |
| Direct experience in the development of collection systems and/or related components within the IC | | | | |
| Have worked with collection systems, but have not been involved in their implementation | | | | |
| C++ development experience | | | | |
| Proficient in C++ but limited use in recent project | | | | |
| XML/XSD experience | | | | |
| Extensive experience using Java (XMLBeans, Jaxp) and Python (generateDS, minidom) tools to handle XML files | | | | |
| Linux/Unix experience | | | | |
| Been using Linux as a development environment for over 12 years | | | | |
| Working knowledge of Service Oriented Architecture principles | | | | |
| Understanding of basic principles and differences between SOA emphasis on service rather than the data | | | | |
| Scripting language experience such as Python or Perl | | | | |
| Implemented a framework hosting different signal processing applications in Python and XMPY | | | | |
| Multi-threaded software development experience | | | | |
| Most of the software I have written in either Java or Python have been multi-threaded | | | | |
| Direct experience with SOA/middleware technologies such as ICE, CORBA, ESB, SOAP | | | | |
| Implemented a system to allow communication between binary messages generated by an X-Midas application and a SOAP based framework. Currently working with a project that uses CORBA as the communication protocol | | | | |
| Direct development experience with inter-process communication (IPC) mechanisms | | | | |
| Wide experience developing inter-process communication systems | | | | |
| Working knowledge of geolocation techniques such as TDOA, FDOA, etc. and services (Preferred Skill) | | | | |
| For the last 3 years have developed a system interacting with geolocation systems. This interaction has helped me get familiar with terms and requests as well as handling the responses. | | | | |
| Working knowledge of processing frameworks such as XMidas, SCA, GNURadio, etc. (Preferred Skill) | | | | |
| Very familiar with X-Midas and have some familiarity with SCA and GNU Radio as it is used in my current project | | | | |
| Working knowledge of commercial wireless standards (Preferred Skill) | | | | |
| Do not have experience with commercial wireless standards | | | | |