

**Shaun McThomas**

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**Objective:**

I am seeking a full-time software engineering position where I can apply my creative ability and technical skills to help expand current and future software development projects.

**Skills:**

- Languages:  
Java, C, C++, Python
- Experienced in Linux
- Knowledge of Microsoft Office
- Knowledge of Active Directory

**Work History:****Software Developer**

General Atomics Aeronautical Systems – San Diego, CA

August 2016 to Current

- Implemented various changes to flight simulation software, including designing and implementing a TCP solution to emulate radio communications.
- Worked on flight-critical autopilot software, including designing and implementing the autopilot portion of an automatic terrain avoidance system.
- Generated various software requirements, design, and testing documents.
- Worked with SVN version control system.
- Worked in both Linux and Windows environment.
- Obtained interim security clearance.

**Strategic Intern**

Siemens PLM – Cypress, CA

June 2015 to June 2016

- Refactored C style APIs to C++ to allow for more O-O design and allow older software components to interact with newer ones.
- Ran and modified unit tests using CppUnit and Siemens' custom test API.
- Created C++ library to allow CppUnit's tests to run in Siemens Integration test environment, making skipped tests run automatically at integration.
- Worked with large version control system (custom environment running on top of Perforce).
- Familiarized with large software suite quickly.

**Contract Imaging Rep**

First Data – Moorpark, CA

February 2008 to July 2010

- Scanned and indexed contracts into database system.
- Tested software in staging environment (black box testing).
- Maintained warehouse database.
- Worked with sensitive data.

**Education:****B.S. Degree in Computer Science,**

June 2016

University of California, Irvine – Irvine, CA

**Specializations:** Algorithms, Intelligent Systems, Visual Computing, and Information

GPA: 3.75

**A.S. Degree in Mathematics,**

December 2013

**A.S. Degree in Computer Science,**

December 2013

Moorpark College – Moorpark, CA

GPA: 3.34

**A.S. Degree in Information Technology – Computer Network Systems,**

March 2010

ITT Technical Institute – Oxnard, CA

GPA: 3.70