

# Luis Carbajal

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## Technical Skills

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**Languages:** C, C++, C#, Java

**Databases:** some MySQL

**Web Design:** JavaScript, HTML5, CSS, XML

**Tools:** Android Studios, Eclipse, Git, Qt, Visual Studios

**Operating Systems:** Windows, Linux

## Professional Experience

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**Software Engineer I,**

**Nov 2017 - Present**

**BAE Systems Inc. - Austin, Texas**

- Next Gen Sequencer – Built graphical user interface for SSCI Payload Simulator. (Qt Creator, C++).
- Engineering Program Metrics Database – Web application. Developed feature to export key data to Excel, and pie charts to PDF. (AJAX, C#, JavaScript, SQL).
- Golden Eagle – Web application for project bidding. Maintaining, and adding new features. (Angular, C#, TypeScript, SQL).
- Integrated Hardware Design System – EXALEAD CloudView application for managing hardware inventory. Enhanced GUI, and developed a plugin to automate deletion of objects. (Java, JSP).
- POLARIS – Desktop application for collecting, and maintaining project postmortem data. Fixed bugs, and added new features. (Java).
- Capstone Database – Enhanced search functionality, and added feature to export capstone tables to MS Word. (Access, Visual Basic).
- FWS-I Test Station – Troubleshooted bug (C#).
- 777x IFCE – BOEING Commercial Jet. Verifying problem reports, and reviewing tests. (Questa, ModelSim, SystemVerilog).

**Software Engineer Intern,**

**Jun 2016 - Aug 2016**

**Performance Software - Phoenix, Arizona**

- Developed automated and manual test scripts for flight management systems.
- Reviewed existing code to debug avionic systems.
- Consolidated requirements in DOORS with existing test cases.
- Worked with project manager, and other team members to deliver project on time.

## Education

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**Bachelor of Science in Computer Science,**

**May 2017**

Arizona State University

GPA: 3.3