# Joshua Hurt

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## EDUCATION

**San Jacinto College,** Pasadena, TX *August 2012 – May 2014*

**The University of Texas at Austin**, Austin, TX *August 2014 - December 2016*

**Bachelor of Science in Computer Science** **GPA: 3.69**

## EXPERIENCE

**UnboundID – Product Development Intern** May 2015 – May 2016

- Created command line tools (with unit tests) to perform analysis and search on server logs, added port validation during product setup and additional system resource collection to main tool (Java)
- Integrated previous tool into the main tool which collects server information for analysis. Made this tool much more informative for the customer. Reduced # of support calls as a result (Java)

**NASA MSFC - Intern for the Deputy Center Chief Technologist** Jan – May 2014

- Helped build a publisher-subscriber framework in C++ for Guidance, Navigation, and Control (C++)

## PROJECTS

**Contributed to AOSP (Personal – Java)**

- Fixed the “Double tap power button to launch camera” feature of AOSP (Android Open Source Project) to not be dependent on the right lockscreen shortcut intent, and added option to pick an app to launch with the gesture

**Blendsel (Hack The Planet - Python)**

- Blender plugin using the Sensel Morph hardware device. Won best use of the Morph

**Object-Oriented Database re-implementation (Class/personal - Java)**

- Switched out the back-end implementation of an object-oriented database from using BDB to Oracle NoSQL

**Operating Systems (Class Project - C)**

- Implemented multi-threading, process scheduling, virtual memory, and FFS mostly from scratch. Received an A in the class overall

**Several more hackathon projects; too many to fit**

## TECHNICAL SKILLS

- **Languages:** Proficient in Java, Python, C; Casual experience with Javascript, C#, bash scripting
- **Operating Systems:** Linux, Windows (Only to run unit tests)

## HONORS AND AWARDS

- Terry Foundation Transfer Scholarship (One of fourteen recipients in 2014)
- National Science Foundation STEP-UP and T-STEM Scholarship