

Matthew Benjamin Langston

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Portfolio: <http://www.mattblang.com>



Work Experience

NSPARC, Starkville, MS

Senior Programmer Analyst, May 2015 - present

Programmer Analyst, May 2012 - May 2015

- Architected and implemented the Android component of Mississippi Works and took the lead in development of the supporting Spring backend. Optimized for tablets using fragments, implemented local persistence with SQLite, interacted with a REST API, implemented RxJava for complex network operations, and used Gradle for build automation.
- Helped push a county and court record management system (CRMS) to release using Spring, jQuery, and MySQL, and helped deploy the system to various counties in North MS.

Freelance Development

- Designing and implementing a patient check-in system for a local health clinic using AngularJS, Firebase, and Node.js for the web component, and iOS Swift for the smartwatch component. Used Gulp, Bower, and CocoaPods to facilitate dependency management and frontend build flow.

College Internships:

- ERDC-ITL -- Software Engineer, Summer 2011
- Navagis LLC -- Software Engineer, Winter 2009 & Summer 2010
- MSU Computer Forensics Lab -- Lab Assistant, Summer 2009
- Radiance Technologies in Starkville -- Software Engineer, Fall 2008
- Radiance Technologies at Stennis -- Systems Administrator, Summer 2008

Education

Bachelor of Science in Computer Science

- Mississippi State University, May 2010, GPA: 3.12/4.00

Master of Science in Computer Science

- Mississippi State University, May 2012, GPA: 3.60/4.00

Skills

- **Languages:** Java, JavaScript, Swift, Python, C++
- **Web Development:** Spring, AngularJS, jQuery, Express, HTML5, CSS3
- **Mobile Development:** Android, iOS
- **Build Tools:** Gradle, Maven, Gulp, Bower, CocoaPods
- **Database Management Systems:** SQLite, MySQL, MongoDB
- **Misc:** Linux, Git, SVN, Atlassian