

## Employment

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|---|---------------------------------------|-----------------------------------|
| <b>Full Stack Software Engineer</b>   | <b>Intermark Group/Alloy</b>          | <b>February 2014 - March 2016</b> |
| <ul style="list-style-type: none"><li>Assumed project lead role for Moultrie Mobile Ember.js-based consumer web application.</li><li>Implemented consumer web API, consumer web application, admin services, and back end services for Moultrie Mobile.</li><li>Maintained several internal web applications for Southeast Toyota.</li><li>Promoted from Software Engineer I to Software Engineer II within 9 months.</li></ul>   |                                       |                                   |
| <b>Full Stack Software Engineer</b>   | <b>Black Creek Integrated Systems</b> | <b>April 2012 - February 2014</b> |
| <ul style="list-style-type: none"><li>Designed and implemented numerous components of the TSI PRISM tracking system including the user-facing web application and back-end services responsible for transforming and storing real-time location data as well as triggering all device-based and location-based alarms in under 0.5 seconds. Also integrated and tested(unit, integration, manual) aforementioned components.</li><li>Designed and implemented a simulator responsible for providing real-time location data for purposes of unit and integration testing of TSI PRISM components.</li></ul> |                                       |                                   |

## Education

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| <b>Tuscaloosa, AL</b>  | <b>University of Alabama</b> | <b>Fall 2007 - Spring 2012</b> |
| <ul style="list-style-type: none"><li><b>B.S. in Computer Science</b>, May 2012</li><li><b>Undergraduate Coursework:</b> Compilers, Operating Systems, Databases, Algorithms, Data Structures, Computer Graphics, Computer Architecture, Programming Languages, Calculus III, Numerical Analysis</li></ul> |                              |                                |

## Technical Experience

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### Projects

- Moultrie Mobile (2015-2016):** A service-oriented architecture responsible for managing user notifications, image uploads, activating cameras remotely, handling customer payments, providing admin services and much more. (Ember, C#, AWS, Troposphere, SQL)
- Ascension Health BRCA WebApi (2015):** A platform-agnostic system component responsible for providing OAuth tokenized authentication and admin functionality via endpoints for consuming applications. (C#, WebApi2, SQL, Owin, Ninject)
- Video Visitation Kiosk (2013):** A touchscreen, web-based application responsible for providing a simple interface by which users can schedule a visitation with inmates. (JS, CSS3, HTML5)
- TSI PRISM RFID Inmate Tracking System (2013-2014):** An inmate tracking system that allows one to identify inmates' locations in real-time, as well as be notified instantly of various alarms, some of which can be given specific criteria (e.g. inmate A cannot be in the same room as inmate B), and also allows one to playback a specific alarm or time frame, and generate numerous reports on inmates and their actions within the facility. (JS, .NET, SQL, WebSockets, PHP, ffmpeg)
- Lucidity (2011-2012):** An Android app(with LAMP stack back end) designed to encompass the classroom experience with automatic recording of attendance, substitution of in-class "clickers", and more. (PHP, SQL, Java)

## Technical Skills

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- Languages:** JavaScript, Python, Ruby, PHP, C#, Java, C++, PowerShell, SASS, CSS, HTML
- Database Systems:** MySQL, MongoDB, SQLite, SQL Server
- Applications:** Atom, Sublime Text, Git, Fiddler, Postman, Chrome Dev Tools, Android Studio, IIS, Visual Studio/SSMS
- Technologies/Frameworks:** Ember.js, Node.js, Mocha, Gulp, AWS(CodeDeploy, CloudFormation, IAM, EC2, SQS, S3), Angular, Jenkins CI, HTTP, .NET(ASP.NET, MVC, WebApi 2)