

Reece Boyd

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EDUCATION

Murfreesboro, TN	Middle Tennessee State University	August 2014-May 2017
<ul style="list-style-type: none">• B.S. Computer Science• GPA – 3.73, Major: 3.9		

SKILLS

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|----------|---------------|-----------|--------------|
| • C++ | • iOS | • Android | • Node.js |
| • Django | • Objective-C | • Java | • JavaScript |
| • Python | • Swift | • SQL | • HTML/CSS |

EMPLOYMENT

iOS Developer	Middle Tennessee State University	April 2015-Present
<ul style="list-style-type: none">• Increased involvement in student organizations on campus by adding a feature to the app called MyMT, which provides students information about each organization.• Made scheduling classes easier for students by adding a 'Favorites' feature to the app that allows students to favorite courses for upcoming semesters.• Reduced the learning curve for new iOS developers joining our team by documenting the entire code base and integrating Swift into the app.		

Information Services Intern	Caterpillar Financial	May 2016-July 2016
<ul style="list-style-type: none">• Created 6 new Salesforce Page Layouts for the Collections Department and the Customer Relations Department.• Increased First Call Resolution by programming fields that determined where to route the customer and what issues they were having.• Reduced training time for employees by consolidating all necessary information from 3 CRMs into Salesforce.		

ACM President	Middle Tennessee State University	April 2015-Present
<ul style="list-style-type: none">• Increased company sponsorship of the ACM Club from 3 to 13 by reaching out to companies nationwide.• Increased average meeting size from 10 to 50 by creating a Workshop-Hackathon-Company meeting structure that promotes students teaching each other different technologies for use in hackathons to create projects relevant to our corporate sponsors.		

PROJECTS

MTSU Mobile, iOS, Objective-C, Swift, Git
<ul style="list-style-type: none">• Collaborate with a team of 6 developers (3 iOS, 3 Android) to develop new features for Middle Tennessee State University's student body.• Maintained a 4+ star rating with 350 reviews in the App Store in addition to ~12.5K monthly active users and ~99.9% crash free users.
TangoStreetView, Android, Java, JavaScript
<ul style="list-style-type: none">• Created a virtual tourism Android app that allows users to explore any international location.• Utilized motion tracking from a Google Project Tango device to progress an interactive Google Street View as the user moves the device.
Voyage Manager, JavaScript, Node.js, Express.js, SQL
<ul style="list-style-type: none">• Created a web application that allows users to manage their travel itinerary offline when sailing around the world.• Wrote a RESTful API for accessing and modifying this itinerary information in a MySQL database.
A* 8-Puzzle Solver, C++, Artificial Intelligence, Unix, Bash, R
<ul style="list-style-type: none">• Generated 100 random, valid 8-puzzle boards and fed them into a program that used 3 different heuristics for the A* search algorithm to find the correct sequence of moves to solve the 8-puzzle.• Compared the performance of each heuristic by analyzing output data with R.