

Campus Address
New Hall West RM 338
190 West Campus Dr
Blacksburg, VA 24061

Wesley A. Jordan
wes@wesj.org
www.github.com/Thing342
www.wesj.org

Permanent Address
903 Foxboro Dr
Newport News, VA 23602

OBJECTIVE **To obtain a summer intern position at MITRE to build workplace-specific skills in software engineering.**

EDUCATION **Computer Science, Class of 2019**
Virginia Tech, Blacksburg, VA
Major GPA: 3.84 - Overall: 3.56 (out of 4.0)
Dean's List: Spring & Fall 2016

SKILLS

Languages: General: Java, C, C# Scripting: Python, BASH, Apache Ant Web: HTML, JS, S/CSS, PHP, Ruby, TypeScript DB: MySQL, SQLite, SQL Server, PostgreSQL Other: MATLAB, Regular Expressions	Platform Experience: Android SDK Ruby on Rails / Django AWS / Azure Git / Github / SVN GNU / Linux Java EE / JBoss / Wildfly Spring / EJB JavaFX / Swing / AWT Node / Angular / Express Ant / Maven JIRA / SpiraTeam	Skills: Open Source Development Web Development SQL / NoSQL Database Design and Management RESTful Server Applications Data Structures Dependency Management Issue Management Application Development & Deployment
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WORK EXPERIENCE

Junior Programmer / Intern, Q-Free Open Roads, Chesapeake, VA
Summer 2016 (30 hours per week)

- Worked on system that read in incident data from state / local 911 systems and delivered it to statewide traffic management systems
- Reconfigured Java EE-based incident data clearinghouse application to migrate from JBoss 5 to Wildfly
- Wrote client services to scan local EMS info and publish it to statewide clearinghouse.
- Updated management software for roadside weather stations

Student Intern / Mentee, MITRE, Inc., Hampton, VA
Course Design Project / Mentorship, Fall 2014 – Spring 2015

- Worked with MITRE employees to develop an Android application utilizing Memento framework to allow users to compare desktop and mobile versions of archived web pages
- Published award-winning paper and poster describing the project (see Honors section)
- <https://github.com/Thing342/MobileMemento>

ACTIVITIES

Scouting Captain, FIRST Robotics Competition Team 2363, Newport News, VA
November 2012 – June 2015

- Led all team data collection efforts for 2014 and 2015 seasons
- Developed extensible data collection management system with Android-based client and JavaFX-based manager for scouting other teams at competitions
- Data collected helped team win regional events in 2014 and 2015, along with a national event in 2014
- Volunteered at team events after graduation

Contributor, Travel Mapping (Web Frontend) August 2015 - Present

- PHP-based application that allows users to map the roads they've traveled on
- Lead contributor to medium-size open-source project
- <https://github.com/TravelMapping/Web/commits?author=Thing342>

HONORS

Lead Author, "Mobile Mink: Merging Mobile and Desktop Archived Webs":
<http://dx.doi.org/10.1145/2756406.2756956>

- Associated poster won "Best Poster" at 2015 Joint Conference for Digital Libraries.

Dean's List: Spring 2016