

**Adam Lech**  
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## **EDUCATION**

**B.S. Computer Science, Mathematics minor**, August 2011-May 2014  
Virginia Polytechnic Institute and State University, Blacksburg, VA

## **RELEVANT EXPERIENCE**

### **Mobile application developer**

Student Government Association, Blacksburg VA (January – May 2014)

- Developed web based mobile application to conduct urban development research of what percentage of local drivers are using mobile device while operating vehicle

### **MidTier Developer Intern**

Vanguard Group, Malvern PA June-August 2013

- Worked on an agile development team developing and testing business logic for new functional capabilities for the Vanguard Personal Advisor Service

## **RELEVANT PROJECTS**

### **Android Application Development** (Summer 2013)

- Developed Digital Balance Sheet application that keeps track of current state of banking account

### **Data Structures and Algorithms** (Spring 2013)

- Developed Geographical Information System that indexes and provides search features for geographical information (based on GIS records from USGS Board on Geographical Names)

### **GUI Programming and Graphics** (Summer 2012)

- Designed and implemented object-oriented graphical user interface and computer graphics projects involving basic principles of concurrent and event-driven programming.
- Created computer-graphics using OpenGL (JOGL).

## **PROGRAMMING LANGUAGES:**

- Extensive knowledge of Java object-oriented programming
- Advanced knowledge of C language
- Intermediate knowledge of C
- Web development using HTML , CSS, JavaScript and JQuery
- Server side web development using PHP and MySQL
- Basic knowledge of C#

## **SOFTWARE SKILLS:**

- Eclipse, Spring and Maven framework
- .Net framework (MVC 4)
- Qt framework and Java Swing graphical interface
- JQuery Mobile framework
- Knowledge of Relational Data Management Systems

## **OTHER EXPERIENCE**

### **Supplemental Instructor,**

Tidewater Community College ,Virginia Beach, VA Jan-May 2011

- Tutored adult developmental math students

## **ACTIVITIES**

- CSS Square, Virginia Tech 2013 – community projects involving tutoring in basic IT Technology
- Virginia Tech Mobile Application Development Club 2013

## **HONORS**

- Dean's List , Virginia Tech *Fall 2012 , Spring 2013*
- President's Honor Roll, Tidewater Community College Spring 2011