TIMOTHY ADDAI

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EDUCATION

University of Massachusetts Amherst (May 2017)   **Bachelor of Science: Computer Science**
Smalley Foundation Scholarship   **Minor: Mandarin Chinese**
John and Abigail Adams Scholarship
Honors: Dean's List (Fall 2014 & Fall 2015)
GPA 3.28

RELEVANT COURSES

Introduction to Java, Data Structures in Java, Computer System Principles (Programming in C), Programming Methodology (Scala)*, Introduction to Computation*, HTML & CSS (codeacademy.com, codeschool.com) JavaScript (codeacademy.com), Calculus I-III (*to be completed by May 2016)

PROJECTS

Naptime Android Application, Personal   September 2015 – present
A speech recognition countdown timer (available on Google Play)
- Developed an interactive Android application that uses voice input to set a countdown timer
- Designed an algorithm to extract time arguments from any spoken phrase
- Utilized multithreading in fetching updates from a URL in a background service
- Implemented a bug tracking system that sends crash reports as well as user feedback
- Designed in Android Studio using general knowledge of the Java programming language
- Worked in a team of two to develop this application

Various Data Structures Projects   January 2015 – May 2015
Academic projects
- Implemented several interfaces to build data structures in Java without importing Java's collection framework
- Assessed the validity of implementations using self-written and provided JUnit4 tests
- Solved all data structure projects in the Eclipse Integrated Development Environment

WORK EXPERIENCE

Resident Assistant at University of Massachusetts Amherst   August 2015 - present
- Develop a positive living environment designed to link the community, faculty and residents
- Lead student centered hall programs to promote social growth, education and diversity
- Work in team of 11 to provide a safe community for about 300 students

Bursar's Office at University of Massachusetts Amherst   September 2013 – May 2015
Customer Service Representative
- Clarified billing concepts and processes to parents on phone and in person
- Assisted in training several new student employees

Judicial Youth Corps, Massachusetts Bar Association
Summer Intern at Worcester Probate Court Department   May 2012 – August 2012
- Guided people of the Worcester County in filling out paper work for child support
- Lead Attorney for defendant in end of internship mock trial
- Improved public speaking and persuasion skills led to victory in mock trial

SKILLS

- Programming Languages : Java, JavaScript, HTML ,CSS, C
- Foreign Languages : Mandarin Chinese (Proficient in Speaking and Reading),Twi (Native Speaker)
- [Public Speaking :Winner of Five College Chinese Speech contest (Beginner Level)](Public Speaking)