

**Krysten P. Harvey**  
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## **EDUCATION**

**Vanderbilt University, Nashville, TN**  
*Junior*  
*Computer Science & Biological Sciences Major*

Fall 2015-Present

**Lipscomb University, Nashville, TN**  
*College of Computing and Technology*

Fall 2014-Spring 2015

## **COMPUTER SKILLS & EXPERIENCE**

### **Programming Languages**

- Python
- Java
- JavaScript
- D3
- AngularJS
- Processing
- MIPS
- R
- HTML
- CSS

### **Experience**

- Gitlab
- Github
- ACM Programming Competition 2014
- Hack Nashville 2014
- Experience with Android App Development
- Interactive Visualizations with D3
- App Development through Ionic Hybrid

## **WORK EXPERIENCE**

**Vanderbilt School of Medicine, Biomedical Informatics Intern**  
June 2016-August 2016

- Designed a Precision Medicine Clinical App for the Visualization of Cancer Gene Variants

**Mississippi State University Undergraduate Researcher**  
June 2015-August 2015

- Worked in Bioinformatics Lab

- Presented final project: “Genomic Response in Mouse Models with S. aureus Infection Mimics Human Sepsis”

**Lipscomb University**  
**College of Computing and Technology**  
**CCT Recruiting Team**

Student Worker

Fall 2014

- Plan and organize recruiting events, contests, and informational sessions
- Update College of Computing website using HTML
- Represent college in conferences

**INVOLVEMENT**

**Project Nicaragua**

January 2016-present

- Campus Director
- Non-profit that participates in medical mission work in Nicaragua

**Vanderbilt Students Volunteer for Science**

Fall 2015- present

- Program robots, teach chemistry lessons
- Team Leader

**Ethos Church Volunteer**

Fall 2015- present

- Work in nursery Sundays

**McMurray Middle School Volunteer**

September 2014- present

- Tutor refugee children in English
- Serve as mentor for children throughout the school year

**Intramural Volleyball**

Fall 2014

- Served as team’s defensive specialist
- Contributed to team effort in achieving an undefeated regular season

**Vanderbilt Society of Women Engineers**

Fall 2015-Present

**Vanderbilt MAPS**

Fall 2015-present

(Minority Association of Pre-Med Students)

**Vanderbilt Medical Center Shadow**

Spring 2016-present

**HONORS & AWARDS**

Selected to research present and received travel grant for ABRCMS 2015 conference

2nd Place Lipscomb University ACM Programming Competition

Lipscomb Presidential Scholar

2nd Place Engineering Project University of Alabama Site Program

3rd Place Computer Science UA Site Program

NAACP ACT-SO Honorable Mention (Genetics and Drugs Project)

1st Place UT Medical School Summer Science Institute Diabetes Project