

# Alexander Roy

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Permanent Location:  
Nashville, TN

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## Education

University of Mississippi  
School of Engineering  
B.S. Computer Science  
GPA: 3.49 CS GPA: 3.85  
August 2015-Present  
Graduation: May 2019

## Courses

Computer Organization &  
Assembly Language, Discrete  
Mathematics, Linear Algebra

## Skills

Java  
C / C++  
JavaScript / jQuery  
HTML / CSS

## Projects

www.alexanderroy.me  
JavaScript, HTML, CSS used  
to create portfolio website  
github.com/avgroy

## Work Experience

Ole Miss Pre-College Programs Counselor  
UM Division of Outreach and Continuing Education  
Summer 2017

### Engineering Camp

Two separate camps with 20 campers in each  
I taught basic coding with SPRK+ robots and MIT's Scratch to  
campers, and assisted in upper level engineering labs.

### Code Monkeys Camp

Upper level introduction to coding camp  
I taught basic Python, HTML, Blender, and Unity to the  
students as they made their own web pages, 3D models,  
and elementary programs.

## Activities

### Innovate @ Ole Miss

#### Organizing Committee

Planning the first ever Hackathon at Ole Miss working  
closely with current students and alumni as well as  
managing a \$50,000 budget for 500 attendees

### Phi Kappa Psi Fraternity

#### Social Committee Co-Chair

Managed a \$60,000 budget each semester for planning  
events held at the fraternity house

#### Executive Understudy

Assisted the fraternity's executive council with day to day  
events and communicated with the university on behalf of  
the fraternity

#### House Corp Liaison

Negotiated house renovations with House Corp including  
projects budgeted at \$5,000

#### Rush Committee Captain

Vetted potential new members for the fraternity from my  
specific region during formal and informal recruitment  
events

### Association for Computing Machinery

Current Member

### UM Robotics Club

Current Member