

# TURNER STRAYHORN

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TURNERSTRAYHORN.COM

## Work Experience

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### Vanderbilt University

#### School of Engineering

August 2015 - Present

#### Teaching Assistant - Software Design and Patterns

- Creates grading rubric for and grades projects and quizzes.
- Holds office hours to assist students with assignments.

### Vanderbilt University

#### School of Engineering

January 2015 - Present

#### Teaching Assistant - Intro to Machining

- Teaches students proper use of lathe, vertical mill, and other machines.
- Supervises students as they work in the shop.

### Camp Ilahee:

#### A Summer Camp for Girls

Summer 2013, 2014, 2015

#### Camp Counselor - Maintenance and Trip Leader

- Mowed, mulched, and spread gravel around camp.
- Lead whitewater kayaking and rock climbing trips out of camp.

## Education

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### Vanderbilt University

Bachelor of Science May 2017

Degree: Computer Science

Major GPA: 3.37/4.0

Cum. GPA: 3.15/4.0

### Christ School

Graduated May 2013

## Projects and Activities

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### Infinitely

#### Extending Whiteboard

#### Web App Hosted on EC2

- Collaborative whiteboard so many users can draw at once.
- Hosted on a server written with Node.js.
- Challenges came from storing the drawn objects in an efficient manner that could be loaded quickly.

### Rainy Monkey

#### iOS/Android Game

- First extensive project with a team.
- Challenges came from coding in a new and unfamiliar language and environment and using source control with a team for the first time.

### Personal Website

#### TurnerStrayhorn.com

- Static website with resumé and link to facebook, github, and linkedIn.
- Hosted on gitpages.
- Challenges were presented in getting my resumé framed within a bootstrap modal.

### "Night in Nashville"

#### Random Nashville Activity Planner

- Project done as somewhat of a side project during a hackathon.
- This was my first real experience with web design and presented challenges with learning MySQL.

## Skills

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### Programming

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Over 5000 Lines

C • C++ • Java • HTML • Shell

Over 1000 Lines

Javascript • CSS • Python

Familiar

Google App Engine • Node.js • Express.js • MatLab  
MySQL • Assembly • EC2 • Visual Basic

### Breadth

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Photoshop • Welding • Machining • AutoCad  
• Woodworking

## Relevant Coursework

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Computer Networks • Network Security  
Software Design and Patterns • Operating Systems  
Data Structures • Discrete Structures and Algorithms  
Cloud Computing • Big Data  
Machining

References Available Upon Request