

**Tyler Mast**  
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## EDUCATION

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University of Florida, Gainesville, Florida

Senior (4<sup>th</sup> year overall) working towards a Bachelor's in Computer Science from the UF College of Engineering

**Major:** Computer Science (CSE) **GPA:** 3.19/4.00

**Expected Graduation Date:** May 6, 2018

## EXPERIENCE

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**Internship at Greenway Health, LLC.,** Alachua, Florida  
*Intern on Internal Tools Team*

**May 30, 2017 - September 2, 2017**

- Worked in a six-person team to develop, maintain, and refactor internal software using the following tools/languages
  - Source code primarily in C# and ASP.NET
  - Git and Gerrit for version control
  - PostgreSQL, MS SQL, and Oracle SQL for database management
  - Jenkins and VMWare vSphere for testing

**Information and Database Systems (CIS 4301)**  
*Project with four team members*

**Spring 2017**

- Worked together to populate an Oracle database with public information and created a website using the web framework Django and Python to connect our database

**Professional Communication for Engineers (ENC 3246)**  
*Technical writing course for engineers*

**Spring 2017**

- Learned about and wrote technical writing documents including research reports and technical documents

**Project for Introduction for Software Engineering (CEN 3031)**  
*Project for core class in major*

**Fall 2016**

- Worked together in a small team of four to develop and implement a board game that required efficient data structure use as well as being able to interact with a server using a TCP connection interface, written in C++ and using Git and GitHub for version control

**Project for Data Structures and Algorithms (COP 3530)**  
*Project for core class in major*

**Spring 2016**

- Utilized Dijkstra's shortest path algorithm and knowledge of heaps to develop a shortest path map and determine the most efficient path to traverse a procedurally generated map with efficient time complexity

## AWARDS

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**UF Dean's List Award**

- Won for achieving a 3.20 GPA during a semester while also earning 14 credit hours in the Spring 2016 and Fall 2014 semesters