

Yashwant Bhosale

P.O. 66059 Orlando, FL 32816 | 904-881-5636 | bhosaley5@gmail.com

EDUCATION

Bachelor of Science in Computer Science

May 2020

University of Central Florida | Orlando, Florida

- GPA: 3.71/4.00

International Baccalaureate Diploma

June 2016

Stanton College Preparatory School | Jacksonville, Florida

PROFESSIONAL EXPERIENCE

Teaching Assistant, *University of Central Florida*

January 2017 - Present

- Assisting undergraduate students in understanding technical and theoretical concepts in computer science, such as introductory algorithm design and data structure usage
- Engaging in problem solving with basic algorithms and data structures
- Providing assistance with the use of protocols such as SSH and FTP, as well as the operation of a headless Ubuntu server used for testing students' code

Health Services Peer Mentor, *University of Central Florida*

June 2017 - February 2018

- Managed logistics for thePoint After Dark recreational events for students, including scheduling and marketing
- Planned events for weekly audiences of 70+ people with the goal of encouraging students to take part in creative activities and build social networks with other students
- Maintained positive relationships between students and the organization by incorporating feedback from past participants into the development of future events

HONORS & AWARDS

- **Dean's List**
Fall 2017
Spring 2017
Fall 2016
- **Florida Bright Futures Academic Scholarship**
August 2016
- **AP Scholar with Honor**
May 2016
-

SKILLS & ABILITIES

- C
 - Windows
 - Microsoft Word, PowerPoint, Excel
 - Java
 - Linux
-

RELEVANT COURSEWORK

Computer Science 1 - Introduction to Computer Science theory using C with topics such as sorting algorithms, runtime analysis, deterministic data structures, and backtracking

Computer Science 2 - Further Computer Science theory using Java with topics such as probabilistic data structures, graph theory, and dynamic programming

Object Oriented Programming - Introduction to the Object Oriented paradigm using Java

Systems Software - Introduction to compiler design and language design using C with topics such as formal grammars, lexical analysis, and stack-based virtual machines

PROJECTS

Alexa Quiz Skill - Created an Amazon Alexa Skill that asks the user trivia questions about Harry Potter using the Alexa Skills Kit. The skill has reached 15,000+ unique customers, with 34,000+ total sessions.
<https://tinyurl.com/y8asjtoh>

CryptComm - A work in progress, using python and sqlite3 to build a secure messaging client and server that operate over LAN connections.
<https://tinyurl.com/y6vpbwlp>

TriePrediction - Used a trie in C to store the most frequently co-occurring word of another word and implement basic text - prediction principles.
<https://tinyurl.com/yblth28f>

Fibonacci - Implemented Java's BigInteger class in C so as to be able to print out the nth Fibonacci number without worrying about datatype size.
<https://tinyurl.com/y9sdkha6>

Movie Database - Used Java to parse XML files and connect to a database of fake movies and display them using Java's JavaFX library.
<https://tinyurl.com/ya9us33k>

Boggle - Used Java's Swing library to implement the game of Boggle in Java.
<https://tinyurl.com/yaceh8bv>