

Joseph G. Murphy

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EDUCATION

The University of Alabama, Tuscaloosa, AL

Bachelor of Science – 2018

Major: Computer Science with a concentration in Software Engineering

Member of the Honors College at The University of Alabama

GPA: College 3.334, High School 4.066

ACT: 31

Merit-Based Scholarships: UA Scholar, Engineering Tuition Supplement, Engineering Scholarship, Fueling Minds for the Future Scholarship

EMPLOYMENT

- Bama Dining (Aramark) – Lakeside Dining Hall (August 2014-present, school year) food/ customer services
- Emil's Restaurant, Grayslake, IL (September 2013- present, job at home) bus boy
- Six Flags Great America, Gurnee, IL (September, 2012-September 2013, seasonal) food services

OTHER SKILLS APPLICABLE TO JOB

- Well-versed at trouble-shooting Windows computers
- Experience with C, C++, Java, JavaScript, HTML5, CSS
- Experience with Software Design and Engineering and Data structures and Algorithms
- Experience with the majority of Microsoft Office Software
- Built personal computer
- Experience with AutoDesk Inventor and Solidworks
- Neat and organized, prompt for work, easy to talk with, friendly
- Class Projects: Implementing heapsort using a Binary Tree (C), a Red-Black Tree (Java), a text-based game using doubly and circularly linked lists and enumerated Data types (C), Hash Table implementation (C++), Dijkstra's single source shortest path algorithm (C)
- Semester long software development project working with Bitbucket, a group of 5, and Eclipse using UML diagrams to model the software throughout the phases of development. (Java)

UNIVERSITY CLUBS AND ORGANIZATIONS

- Cyber Crime Club (2016-Present)
- University of Alabama Honors College (2014 – present)
- Tennis Club (2015/2016)

COMMUNITY SERVICE

Habitat for Humanity, Tuscaloosa, AL (Spring 2015) Built foundation for a house.

Outdoor Action Service, Tuscaloosa, AL (August 2014) Assisted with clean-up of tornado debris.

Feed My Starving Children, Libertyville, IL (2009-2014) Measured, packaged, & hauled food for distribution in third-world countries.

Vicariate Service, Gurnee, IL (Winter 2011, Winter 2012) Cooked/Served meals for firefighters.

St. Paul the Apostle Youth Group, IL (2012) Painted Church hallways in a nearby impoverished community.

Chicago Arch-Diocesan Award for Community Service, (2012)