Asa S. Dillahunty

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EDUCATION

Bachelor of Science, Dec. 2021
The University of Alabama, Tuscaloosa, AL
Major: Computer Science, Mathematics
GPA: 3.3/4.0
University Honors College

COMPUTER SKILLS

Statistical/Production Software: Microsoft Excel, MATLAB
Business Tools: Microsoft Office, Google Drive, Git
Languages: C, C++, JAVA, Python, HTML5, CSS3, JavaScript
OS Proficiencies: Linux, Mac OS X, Windows

PROJECT WORK
Aug. 2019 – Present

Personal Portfolio Website
Built and deployed a personal website on GitHub Pages to display past and current projects; website is updated and improved regularly.
- Demonstrated a strong knowledge of HTML/CSS and proficiency with JavaScript
- Utilized git and git versioning
- Developed familiarity with Linux and Apache web server
- Worked with Adobe Illustrator to design logos and edit images

Jan. 2018 – May 2018

Chocoholics Anonymous
Designed and constructed a terminal interface and simple data storage for a class project alongside four other students.
- Demonstrated a proficiency of UML design and JAVA
- Utilized git and git versioning
- Communicated ideas and resolved issues in a group setting

Aug. 2019 – Dec. 2019

Data Structures Library
Implemented well-known data structures (i.e. Circular Dynamic Array, Left-Leaning Red Black Tree, and Binary Heap) in C++.
- Demonstrated a proficiency in C++
- Applied knowledge of common database structures and algorithms

WORK EXPERIENCE
May 2019 – Aug. 2019

Nutrisolutions Summer Intern
GreenPoint Ag, Memphis, TN
- Collected nutritional data on crops such as corn, cotton, soybeans, rice, peanuts, and watermelon across northeastern Arkansas and the Missouri Bootheel
- Worked alongside Ag Technology Specialists in the field using company-specific web applications such as the IncompassAg tool
- Handled a company truck and credit card
- Presented research conducted on nutritional data and possible sources of nutrient deficiencies or abundances at a GreenPoint Ag Tech Conference
- Demonstrated proficiency in Microsoft Word, PowerPoint, and Excel

CAMPUS INVOLVEMENT

University of Alabama Association for Computing Machinery
- Vice President, Jan. 2020 – Present
- Competitive Programming Team Member, Aug. 2019 – Present
- Development Team Member, Aug. 2019 – Present
- Member, Aug. 2017 – Present

RELEVANT ACTIVITIES

ICPC SE USA Regional Competitive Programming Competition at KSU – Nov. 2019
Auburn Hacks – Feb. 2020
Google's Code Jam KickStart 2018 Round F – Sept. 2018
Crimson Hacks – Apr. 2018 and Mar. 2019
Governor's All-Region Coding Competition – Nov. 2016