Asa S. Dillahunty

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EDUCATION

Bachelor of Science in Computer Science, May 2021
The University of Alabama, Tuscaloosa, AL
Minor: Mathematics
GPA: 3.3/4.0
University Honors College

COMPUTER SKILLS

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

PROJECT WORK
Jan. 2016 – May 2017

A Comparison of Caloric Yields in Various Soybean Varieties
Arkansas School for Mathematics, Sciences and the Arts (ASMSA), Hot Springs, AR.
- Placed 1st in Chemistry.
- Utilized a bomb calorimeter to calculate the caloric value of soybean varieties.
- Reviewed many research papers and constructed research over the subject of soybean yields based on variety.
- Demonstrated skill with laboratory machinery.

RELEVANT COURSE WORK

Software Design and Engineering, Data Structures and Algorithms, Microcomputers, Website Design, Theory of Probability

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 the northeastern part of 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 personally conducted research on nutritional data and possible sources of nutrient deficiencies or abundances at a GreenPoint Ag Tech Conference.

Nov. 2018 – Dec. 2019

Student Accessibility Instructional Technology Assistant
The University of Alabama, Tuscaloosa, AL
- Checked for and removed barriers to learning in course assignments, discussions, blogs, journals, etc.
- Used software to edit and review documents including: Adobe Acrobat Pro DC, NVDA (Screen Reader), ABBY FineReader 14, and Microsoft Suite.

LEADERSHIP OPPORTUNITIES
Feb. 2016 – May 2017

Student Ambassador
ASMSA, Hot Springs, AR
- Represented ASMSA on a trip to Washington D.C., meeting with many state representatives and attended a Chamber of Commerce meeting.
- Conducted tours of the school campus for business leaders in the Hot Springs area.
- Attended Luncheons and spoke with alumni and local business leaders.

ACTIVITIES

Competitive Programming – Member, Aug. 2019 – Present
Association for Computing Machinery – Member, Aug. 2017 – Present

CODING COMPETITIONS

ICPC SE USA Regional Competitive Programming Competition at KSU – Nov. 2019
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

HONORS/AWARDS

Recipient of Presidential scholarship.
Recipient of Engineering scholarship.