Asa S. Dillahunty

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EDUCATION	**Pursuing Degree in Computer Science,** Projected May 2021 The University of Alabama, Tuscaloosa, AL Major: Computer Science 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 *Spring 2017*	**A Comparison of Caloric Yields in Various Soybean Varieties** Arkansas School for Mathematics, Sciences and the Arts (ASMSA), Hot Springs, AR. • 1st Place in Chemistry. • Utilized a bomb calorimeter to calculate the caloric value of soybean varieties. • Reviewed many research papers and constructed my own over the subject of soybean yields based on variety. • Demonstrated skill with laboratory machinery, Microsoft Excel, Google Slides, Microsoft PowerPoint, and Microsoft Word.
RELEVANT COURSE WORK	CS 200, Software Design and Engineering, Spring 2018 CS 201, Data Structures and Algorithms, Fall 2019 ECE 383, Microcomputers, Fall 2018 MATH 355, Theory of Probability, Fall 2018
WORK EXPERIENCE *November 2018 - Present*	**Student Accessibility Instructional Technology Assistant Training** University of Alabama, Tuscaloosa, AL Checked for and removed barriers to learning in course assignments, discussions, blogs, journals, ect. • Examples of software used to edit and review documents: Adobe Acrobat Pro DC, NVDA (Screen Reader), ABBY FineReader 14, and Microsoft Suite
May 2019 - August 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 Specialist in the field using company-specific web applications such as the IncompassAg tool. • I was responsible for a company truck and card. • Presented my research over nutritional data collected and possible sources of nutrient deficiencies or abundances at a GreenPoint Ag Tech Conference.
LEADERSHIP OPPORTUNITIES *February 2016-May 2017*	**Student Ambassador** ASMSA, Hot Springs, AR • Represented my school on a trip to Washington D.C. where I met 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	Chess Club – Member, August 2017 - Present Association for Computing Machinery – Member, August 2017 – Present
CODING COMPETITIONS	Governor's All-Region Coding Competition – November 2016 Crimson Hacks – April 2018 and March 2019 Google's Code Jam KickStart 2018 Round F – September 2018
HONORS/AWARDS	Recipient of Presidential scholarship - $104,000 over four years. Recipient of Engineering scholarship - $1,250 a semester.