

# Asa S. Dillahunt

asdillahunt@crimson.ua.edu

(870) 514-8620

## 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

*January 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 1<sup>st</sup> 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

## WORK EXPERIENCE

*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 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.

*November 2018 – Present*

### **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

*February 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, August 2019 – Present

Association for Computing Machinery – Member, August 2017 – Present

## CODING COMPETITIONS

Google's Code Jam KickStart 2018 Round F – September 2018

Crimson Hacks – April 2018 and March 2019

Governor's All-Region Coding Competition – November 2016

## HONORS/AWARDS

Recipient of Presidential scholarship.

Recipient of Engineering scholarship.