

**William Butler**  
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**757-701-8344**

## **Professional Summary**

Recent UVA Computer Science graduate with a strong background in research, technical analysis, and problem-solving. Professional experience working for the U.S. Government (NASA) and the private sector (Amazon, UniFounders, Paahaa Ranch). Proven ability to gather and analyze data, collaborate with cross-functional teams, and communicate clearly. Skilled in technology and customer service, with a focus on delivering results in a timely and efficient manner.

## **Accomplishments**

- Bachelor's Degree in Computer Science w/ Highest Distinction
- GPA: 3.8/4.0
- Dean's List: 8 times
- GMAT: 715 (99th percentile)
- Raised over \$500 for the iHope Charity Foundation through a 5K fundraiser.
- Created, managed, and performed in a band with crowds reaching up to 500 in attendance.
- Designed, tested, and implemented an online platform which helps connect University alumni with student startup founders; over 120 users signed up.
- Maintain a blog with 10+ published articles (<https://medium.com/@will-butler>)

## **Relevant Work Experience**

### **Software Development Engineer – Part Time**

**UniFounders**, Remote (<https://unifounders.onrender.com/>)

July 2023 – Present

30 Hours/Week

Supervisor: self-employed

- Independently designed and built a platform to connect student startup founders with alumni, gathering data to ensure system accuracy and functionality.
- Collaborated with key stakeholders, interpreting user needs and applying technical solutions to support successful operations.
- Demonstrated planning and organizational skills by managing the entire platform from concept to implementation.
- Relevant skills: Research, Data Analysis, Communication, and Project Management.

### **Software Development Engineer Intern – Full Time**

**Amazon**, 410 Terry Ave N, Seattle, WA 98109

June 6 2022 – September 6 2022

60 Hours/Week

Supervisor: Leo Cheng, leocheng96@gmail.com

- Conducted in-depth research to develop seller-side functionality, ensuring alignment with Amazon's policies and customer service standards.
- Designed and implemented a software product to improve order transparency and processing efficiency.
- Relevant skills: Research, Problem Analysis, Data Evaluation, and Communication.

### **Project Intern & Team Leader – Full Time**

**NASA**, Langley Research Center, 1 Nasa Dr, Hampton, VA (Remote)

May 27 2021 – June 27 2021

40 Hours/Week

Supervisor: Ian Cawthray, icawthra@odu.edu

- Conducted research on mission integration for a Mars sample return mission, applying a range of regulations and protocols to ensure compliance with mission guidelines.
- Delivered detailed findings to NASA faculty, showcasing the ability to interpret and apply complex policies and procedures.
- Relevant skills: Research, Data Analysis, Communication and Regulation/Policy Interpretation.

### **Consultant and Ranch Hand – Full Time**

**Paahaa Ranch**, 598 Thumper Ln, Canyon Lake, TX 78133

June 5 2021 – August 1 2021

40 Hours/Week

Supervisor: Robert Cottrell, 325-792-4862

- Researched effective farming techniques & created data visualizations representing aspects of operations.
- Executed business case analysis focusing on marketing, pricing, and operations; presented to exec.
- Performed daily manual labor around ranch: fed animals, installed fencing, maintained trails.

## **Other Work Experience**

### **Waiter – Part Time**

**The Ridley**, 1106 W Main St, Charlottesville, VA 22903

February 13 2023 – June 2 2023

20 Hours/Week

Supervisor: Floyd Campbell, 804-456-0001

- Balanced the needs of multiple customers in a timely manner, collecting orders, communicating them to kitchen staff, and delivering meals efficiently
- Relevant skills: Customer Service, Time Management, Communication

### **Teacher's Assistant – Part Time**

**Department of Computer Science, University of Virginia (UVA)**, Rice Hall, 85 Engineer's

Way Room 527, Charlottesville, VA 22903

September 15 2020 – May 1 2022

20 Hours/Week

Supervisor: Raymond Pettit, raymond.pettit@virginia.edu

- Collaborated with faculty to design and evaluate course content, assisting over 100 students with understanding complex concepts.
- Analyzed and organized data for grading and student progress tracking, ensuring accuracy and timeliness.
- Relevant skills:: Data Organization, Research, Problem-Solving.

## **Education**

**University of Virginia (UVA), Charlottesville, VA**

**Bachelor of Arts with Highest Distinction, Computer Science (GPA: 3.8/4.0)**

**Graduation Date:** May 2023

## **Skills**

- **Technical:** Python, Java, JavaScript, C++, SQL, React, Ruby on Rails.
- **Analytical:** Research, Data Analysis, Policy Interpretation, Problem-Solving.
- **Communication:** Clear written and oral communication, customer service, cross-functional collaboration.

### **Language Skills:**

- **Mandarin Chinese:** Intermediate-Advanced; minor in Chinese; 1 year immersion in Taiwan
- **Spanish:** Basic-Intermediate

## **Volunteer Work & Community Leadership**

### **WaGaLiGong Surf Shack Volunteer** (August 2023 - June 2024)

- Taught the fundamentals of surfing (in English and Chinese)
- Organize lessons, communicate with manager and other volunteers, and perform routine maintenance on surf boards

### **Pancakes for Parkinson's Logistics Co-Chair** (September 2021 - May 2023)

- UVA's largest student ran organization
- Raised over \$160,000 over three years

### **Designed and Organized a Community 5K** (May 2023)

- Supporting iHope Charity Foundation
- Raised over \$500

### **International Student English Language Development Program** (September 2021 - May 2023)

- Met weekly with international students at UVA to help improve their English fluency