

**Hanna DeBord | Yale '25, B.S. Biomedical Engineering | 828-399-9873 | [hanna.debord@yale.edu](mailto:hanna.debord@yale.edu)**

## PROFESSIONAL SUMMARY

Enthusiastic and hardworking Biomedical Engineering student with a passion for developing practical and affordable solutions to complex clinical challenges using principles of science and engineering.

Passionate about collaboration and the optimization of fine details to make a larger impact using strong computer, writing, and coding skills developed from personal and professional pursuits including graphic design, website management, freelance writing, and coding in MatLab, HTML, and Python.

## EXPERIENCE

### **Research Assistant (Sep 2023-)**

*Wiznia & Tommassini Orthopedics Lab*

- Researching solutions to challenges within the medical field through engineering
- Exploring biomechanical properties of aseptic loosening using 3D visualization software
- Working with a team to develop viable medical solutions and explore their usability.
- Summer Medical Device Design Intern (July - August 2024)

### **First Year Counselor (Aug 2024-)**

*Yale College Dean's Office*

- Counseling and advising new students to promote their success at Yale
- Communicating with administrators to advocate for the students
- Actively engaging with the college community, promoting healthy navigation of the university

### **Student Accessibility Assistant (May 2022-)**

*Yale Student Accessibility Services*

- Diligently using computer software to ensure course materials are accessible
- Communicating with the team to increase efficiency
- Troubleshooting and problem-solving technical issues swiftly and accurately
- **Lead Accessibility Assistant (April 2024-)**

### **Marketing and Communications Manager (Jul 2022 -Aug 2024)**

*Benjamin Franklin College at Yale University*

- Organizing and producing quality online and social media content on a deadline
- Increasing online presence of the college
- Coordinating streaming of important meetings and events including commencement
- Designing content and building cohesive branding

### **College Aide (May 2022-)**

*Benjamin Franklin College at Yale University*

- Working with teams of peers to set up and take down college events
- Creating aesthetically pleasing and functional spaces
- Ensuring safety and efficient movement of students and their families
- Head Orientation Aide, (Aug 2023 & 2022)
- Head Commencement Aide, (May 2023 & 2024)

### **Founder's Suite Coordinator (Aug 2023-May 2024)**

*Benjamin Franklin College at Yale University*

- Volunteer position with a grant to build community in the college by hosting events
- Developing a highly varied set of programming to appeal to wide audiences
- Promoting inclusion within the college community
- Working with a tight budget, the number of college events increased by over 30%

### **Summer Camp Director & Counselor (Summers, Jun 2019-)**

*Camp Carmel, Linville, NC*

- Designing and implementing lesson plans for middle and high school students
- Coordinating teams of volunteers to ensure program success
- Promoting community and developing lasting relationships with volunteers and staff

### **Squad Leader & Panelist (May-Aug, 2022-2024)**

*Young Leaders Summit*

- Counseling first-generation, low-income rising high school seniors to reach their dream schools
- Keeping active lines of communication with alumni of the program
- Selected as a panelist among other squad leaders to provide insights into college life

### **Writer (2018-)**

*Self-Employed*

- Freelance copywriting on a tight deadline
- Working with different companies to deliver web optimized content
- Wide array of writing topics from rain gutters to chiropractic care

## EDUCATION

**Yale University** | *B.S. Biomedical Engineering, GPA: 3.34, (Aug 2021- May 2025)*

**Alleghany High School** | *Dual Enrollment Wilkes Community College, GPA: 4.28 (Aug 2017-May 2021)*

**North Carolina School of Science and Mathematics** | *Online, Dual Enrollment (Aug 2019-May 2021)*

## SKILLS

### **Basic Machining**

- Familiarity using lathes, mills, saws, and other metalworking equipment.
- Knowledge and adherence to shop safety protocols

### **Coding & Computer Familiarity**

- MatLab, Python, and HTML fluency
- Microsoft, Adobe, and ScanIP familiarity
- Knowledge of Accessibility regulations

### **Writing & Communication**

- Speed, accuracy, and attention to detail
- Bilingual in Spanish, near fluency

### **Enthusiasm & Empathy**

- Strong drive to succeed and inspire others along the way
- Team-player who leaves no one behind
- Emphasis on building interpersonal relationships and community in any environment