

# BRIANNA BANKS- MCLEAN

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## PROFILE

I am a Senior Sustainable Environmental Design student with a background in Architecture. Through my academia I have gained experience in sustainable ecological services, design infrastructure, and client-based projects. I have both academic and personal experience constructing and designing furniture, interior and exterior spaces, and engineering projects for design clients. My academic goal is to begin and complete a Masters Program in Architectural Engineering. My career objective includes a position in Sustainable Design with an emphasis in Biomimetics and Engineering.

## EDUCATION

**BACHELOR OF SCIENCE, *SUSTAINABLE ENVIRONMENTAL DESIGN*** —  
*University of California Davis, Davis, CA*

SEPTEMBER 2018 - JUNE 2020 (IN PROGRESS)

**ASSOCIATES OF SCIENCE, *ARCHITECTURE*** — *College of Marin, Kentfield, CA*

AUGUST 2015 - MAY 2018

## EXPERIENCE

**SUSTAINABLE HORTICULTURE INTERNSHIP** — *UC Davis Arboretum, Davis, CA*

SEPTEMBER 2019 - PRESENT

Hands-on, student led internship; designed and constructed several gardens across the University of California, Davis campus. Gained essential skills for sustainable horticulture, including designing and installing gardens and paths, planting and pruning trees, and irrigation design and construction. Familiar with landscape plants, particularly native California and/or drought tolerant plants suited for Central Valley region. Gained collaborative and leadership skills working with a team of 9 other students.

## RELEVANT PROJECTS AND COURSEWORK

### **ACCESSIBILITY IN MUSEUM EXHIBITION FURNITURE DESIGN –**

*CLIENT: Luke Turner, Manetti Shrem Museum – UC Davis, Davis, CA*

**JANUARY 2020 – MARCH 2020**

Worked with Manetti Shrem Museum Director to provide increased accessibility to museum space and exhibitions through the manipulation of exhibition design to create a more inclusive art experience for visitors with all abilities. Designed innovative seating built into museum walls that fold and shape so as to disappear into wall space.

### **FEMINIST HEALING GARDEN AND COMMUNITY DESIGN – CLIENT:**

*Sarah E. Reboloso McCullough, Feminist Research Institute – UC Davis, Davis, CA*

**JANUARY 2020 – MARCH 2020**

Worked with Associate Director of the Feminist Research Institute to redesign the exterior landscaping of the building to create a healing, safe, and diverse space. Focus on exterior landscaping with an emphasis on drought-tolerant plant pallets. Redesigned pathways and increased open community space with seating and natural barriers.

### **ARCHITECTURE AND DESIGN COURSEWORK:**

Computer Drawing for Architecture and Construction – Digital Modeling for Architecture and Design – Visual Representation and Architectural Drawing

### **SUSTAINABLE DESIGN AND ECOLOGY COURSEWORK:**

Site Ecology – Site Planning and Design Studio – Sustainable Development: Theory and Practice

## SKILLS

- Revit
- Adobe Illustrator, InDesign, Photoshop
- 3D Printer, Laser Cutter
- AutoCAD
- Rhino
- SketchUp

## AWARDS AND HONORS

### **ALPHA GAMMA SIGMA HONOR SOCIETY – *Community Leader Award* – College of Marin, Kentfield, CA**

**AUGUST 2016 – MARCH 2018**

Awarded by Honor Society of College of Marin; received a 3.5 or higher GPA along with volunteering 30+ hours on campus and around my community

### **DEAN'S HONOR LIST – *Academic Excellence Honor* – UC Davis, Davis, CA**

**MARCH 2019**

Recognition of academic excellence within the major of Sustainable Environmental Design; received 4.0 for full academic quarter, within the upper 16% of the class, as a full-time student

**BLACK EXCELLENCE AWARD** – *Academic Excellence Honor* – UC Davis, Davis, CA

**MARCH 2019**

Recognition of community volunteer work academic excellence of a female African American student in a S.T.E.M. field; completion of 3.8 GPA at the time of graduation and contributions to the African Diaspora via Umoja

## **VOLUNTEER EXPERIENCE**

**STUDENT OUTREACH REPRESENTATIVE FOR HOMELESS YOUTH** – *Ambassadors of Hope and Opportunity*, San Rafael, CA

**OCTOBER 2016 - JULY 2018**

Provided outreach, advertisement, and organizing sponsors for a non-profit providing housing/job opportunities for homeless youth; Homeless Youth Leader, outreach for Town Hall Forum with Senator Mike McGuire, and lead presenter for 40+ Marin County Police Officers at Marin Oaks High School.

**STUDENT ORGANIZER AND DISCUSSION LEADER** – Town Hall Forum with Senator Mike McGuire

**FEBRUARY 2018**

**LEADER IN POLICE AND STUDENT DISCUSSION** – Bridge the Homeless Youth and Police Connection at Marin Oaks High School

**APRIL 2018**

**LEAD INTERN, MATH/READING TUTOR** – *Hannah Project Summer Camp*, Marin City, CA

**JUNE 2009 - AUGUST 2019**

Responsible for the retention and outreach of students applying to the program; Leading and training 5+ summer camp teachers/counselors each summer; math and reading tutor for ages 7-12 years old.

**GREETER, STUDENT MEMBERSHIP COORDINATOR** – *Mill Valley Film Festival*, Mill Valley, CA

**FEBRUARY 2018**