# **Ian Shiota Timmers Montandon**

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### **EDUCATION:**

University of South Carolina, Columbia, SC

**Bachelor of Science, Biomedical Engineering** 

**GPA 3.86** 

Anticipated Graduation: May 2025

Bachelor of Science, Cellular and Molecular Neuroscience Concentration

**Awards:** Top Scholar (Carolina), Palmetto Fellows Scholars, Presidential Scholarship Recipient, McNair Junior Fellow, Trainee Advocacy Committee Poster Award

## LEADERSHIP EXPERIENCE

### **SHPE Chair Business Social Networking Chair**

2022-Present

• Plan on reaching out to business and having presentations by business leaders for the club.

### Vice President and Social Media Coordinator, Trew Friends

2022-Present

Organized several tabling events and brought over 150 people to become national organ donors.

#### **SHPE Co-Chair Community Outreach**

2021-2022

Organize socials for the SHPE club and planned a diversity gala with industry leaders, with 100+ guests.

# St. Patrick's Catholic Church

2016-2019

Volunteered at worship services and church events.

#### **Teaching Assistant, STEM Summer Camp**

2019

Taught children to code on LEGO robotics, taught children on anatomy with animal hearts, eyes, etc.

### **Spartan Race Volunteer**

2021-Present

Volunteered building obstacles and setting up for Spartan races.

## **FIRST Tech Challenge: Rover Ruckus**

2018-2019

Competed at Clarkson University; Placed 4th out of 21 teams in the state competition

DECA

Competed at state competition in Marketing; competed in Sports Marketing at Furman University

#### **Odyssey of the Mind**

2011-2018

2019-2021

Captain 2014-2018; advanced to state competitions yearly; earned 1st place at regional competitions

#### **Oral Presentations:**

#### **AHA Poster Presentation**

September 7-11, 2022

Presented two posters at the American Heart National Conference with over 200 students and Postdocs.

### **UofSC Summer Research Symposium Presentation**

July 28, 2022

Presented a poster along with 74 other students to over 20 people

# **Journal Club Presentation**

May 20, 2022

Gave a presentation on a paper for the Cardiovascular Translational Research Center

#### **PROJECTS**

## **Undergraduate Researcher Vascular Research Project**

2022-Present

Researching hypertension using rats and writing a paper outlining the results.

## **Bionic Eye Design Project**

2020-Present

Created a design for a wireless bionic eye and a proof-of-concept 3D model.

#### Founder and Instructor, International Robotics and Coding Class,

2020

Initiated a bilingual robotics coding class for students in America, Australia, and Brazil

### **Team Leader, Capstone Water Tower Project**

2018

Lead civil engineering project; addressed water filtration and distribution issues in Kampot, Cambodia

## **SKILLS**

Portuguese (Written and Oral)
3D Printing

Hand-tools
Spanish (Written and Oral)

Fusion 360 CAD Software Inventor CAD Software