LEYA BREANNA BALTAXE-ADMONY

Aspiring Computer Engineer

@ bbaltaxe@ucsc.edu   📞 818-571-7237   📍 Santa Cruz, CA
in www.linkedin.com/in/baltaxe

EXPERIENCE

Voice Assistant Software Engineering Intern
Plantronics

Design and implementation of voice user interfaces for consumer and enterprise applications

📅 Summer 2018   📍 Santa Cruz, CA

Undergraduate Researcher
ASSIST & DANSER Labs

Publications:
- [AM 2018] Exploring the Creation of Useful Interfaces for Music Therapists
- [ICORR 2017] CRUX: a Compliant Upper Extremity Robotic Exosuit
- [ICORR 2017] Observing Upper-Limb Motor Impairment
- [IROS 2016] A bio-inspired Tensegrity Manipulator with multi-DOF, Structurally Compliant Joints
- [ASME 2016] Simulating the Human Shoulder through Active Tensegrity Structures

📅 Spring 2015 – Spring 2018   📍 Santa Cruz, CA

Visiting Technologist
National Institute of Advanced Industrial Science & Tokyo Institute of Technology

Embedded System Design for Individuals with Special Needs

📅 Summer 2017   📍 Tokyo, Japan

Visiting Technologist
NASA Ames Research Center

Rapid Prototyping, Automating mechanical testing

📅 Summer 2016   📍 Mountain View, CA

Engineering Lab Tutor
Baskin School of Engineering

Courses Tutored:
Assembly and Systems
Discrete Mathematics
Data Structures

📅 Spring 2015 – Winter 2018   📍 Santa Cruz, CA

Engineering Intern
Bearaxe Engineering

Design and Prototype of an Electric Motorcycle, Electrical Systems for Motorcycles

📅 Summer 2015   📍 Los Angeles, CA

EDUCATION

🎓 **B.S. in Computer Engineering, Robotics and Control**
University of California Santa Cruz

📅 Fall 2014 – Spring 2018

🎓 Pursuing a Ph.D in Computational Media

SKILLS

Rapid Prototyping   User Testing   C/C++   Java   Assembly   Matlab   LaTeX   Python   Verilog   Unix   3D Modeling   Lab View   Leadership   Teamwork   Problem Solving

RELEVANT COURSEWORK

- Human Centered Design Research
- Microprocessor Systems Design
- Mechatronics
- Logic Design
- Algorithms and Abstract Data Types
- Sensor Design

HONORS & COMMENDATIONS

- ★ UCSC Mechatronics Competition Winner
- ★ Grace Hopper Celebration Scholarship
- ★ Women in Engineering, International Leadership Conference Scholarship
- ★ Merit Scholarship for Academic Excellence
- ★ Future Generation of Jazz Scholarship
- ★ UCSC Honor Program
- ★ Certificate of Recognition for Achievement in Undergraduate Research
- ★ UCSC IEEE Branch President
- ★ Dean's List

HOBBIES

Trombone   Climbing   Backpacking   Mountain Biking   Cooking