

Grace Palenapa

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EDUCATION

Auburn University, Samuel Ginn College of Engineering, Auburn, AL

Bachelor of Electrical Engineering, Minor in Computer Science, **December 2023**

- GPA: 3.53, Dean's List Spring 2020
- Auburn Club Swim Team | Horticulture Club
- Auburn Wesley Foundation: Weekly Meal Coordinator, Social Events Coordinator

Bob Jones High School, Madison, AL, **May 2019**

- Alabama State Diploma with Madison City Seal of Academic Distinction
- Class Rank : 25/441 Top 6% of Class | GPA: Unweighted 3.93/Weighted 4.71

SKILLS

C, C++, Java, MATLAB
Soldering Circuit Boards

Fluent in Spanish
CPR Certified through the American Red Cross
SCUBA Certified

RELATED WORK EXPERIENCE

IS4S Auburn Cooperative Education Program, Auburn University – **May 2021 to December 2022**

Participate in projects pertaining to GPS and radio interference

- Alternate semesters being a student and working at IS4S
- Learned basic FPGA function and design using Vivado software program

NSF REU Undergraduate Research, Auburn University – Dr. Yin Sun, **May 2020 to present**

Participate and assist with graduate student projects including use of cameras to study depth and weather prediction. Also developing a robot program that will identify different plants.

- Learning machine learning and how to program and debug in Python.
- Reinforced knowledge in Excel to produce and sort through large datasets.

Fall Internship STI Electronics, Madison, AL **August to December 2018**

Learned new skills in programming Arduinos.

- Designed a cover shield in CAD modeling program for circuit board rack to prevent radiation interference.
- Designed a circuit board card that will be used in a machine that tests the lifespan of circuit boards.

Summer Internship Alabama A&M Physics Department, Huntsville, AL, **June to July 2017**

- Learned about nanoscience and technology, conducted experiments with glass, optics, and lasers.

SUMMER EMPLOYMENT

Summer Lifeguard, Redstone Arsenal MWR, **May 2018 to August 2019**

Ensure safety of all guests, perform rescues, and respond to emergencies.

- Assist with water survival training and American Red Cross swim lessons.
- Maintain cleanliness of pool area and perform periodic water tests.
- Gave friendly service to guests at concession and swim pass sales.

- Counted money and closed cash register.

Private Swim Lesson Instructor

- Teach water survival skills, swim strokes and techniques to children ages 6–12 to prepare for competition swimming.

Madison Dolphins Swim Coach, May to July 2019

- Worked with beginning swimmers ages 11–12 and 6 & under.
- Applied drills to improve swimmers' technique during morning workouts.
- Tracked event times, helped swimmers get to designated event spot during meets.

Sales Associate at Orangetheory Fitness, Madison, AL, July 2019

- Greeted and checked in members for workouts and helped members sign up for classes.
- Answered phone and provided appropriate feedback to callers.
- Contacted new customers to offer introduction workout.
- Gave orientation about Orangetheory to new customers.
- Maintained cleanliness of the front desk area, bathrooms, and workout area.

SPORTS

- Bob Jones High School Varsity Swimmer* 2012 to 2018
 - State High School Swim Championship state qualifier/prelim finalist in the 100 Breaststroke and the 200 Individual Medley
- Madison Swimming Association USA Swim Team* 2008 to 2019
 - *2.5 hours of practice 6 days per week

OTHER EXTRACURRICULAR ACTIVITIES

Auburn Wesley Foundation Leadership – Fellowship Team 2020 to 2022

- 2022-23 Fellowship Team Chairperson
- Organize social events, such as formals, holiday parties, Coffeehouse talent show, etc.
- Cook for and serve weekly Thursday Night Dinner

Asbury Church CHRIST Choir/Ensemble Member 2015 to 2019

- Perform at various churches, boys' and girls' homes, retirement homes.
- Also participate in mission work during annual choir tour by cleaning facilities, sorting, and organizing warehouse/thrift store
- Ensemble cast member in Annual Dessert Night Out Fundraiser

Classical Piano Student, Colors Fine Arts, 2012 to 2018

- Weekly piano lessons plus minimum 3 hours of practice
- Annual Piano Guild Competition: Top Talent Scorer for 5 years

Volunteer with Fathom Ministries Church Youth Group 2015 to present

- Help distribute packages to patrons at Downtown Rescue Mission
- Organize, sort and package pantry items at the Manna House.
- Youth Welcome Group Greeter during weekly meetings