

# Tucker Edison Honeycutt

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## EXPERIENCE

### UNIVERSITY OF ALABAMA ANTENNA AND MICROWAVE LABORATORY INTERN | MAY – AUGUST 2019

- Designed, developed and tested Arduino circuitry used as the data acquisition system which flies on a drone as part of a wireless power transfer project for the Naval Research Laboratory. Wrote and debugged the software which reports various voltages in the charging circuit.

### GIGAPARTS SHIPPING ASSISTANT SUPERVISOR | JANUARY – MAY 2019

- Trained and managed new shipping department workers. Packaged and shipped HAM radio and computer components to domestic and international customers. Performed inventory management and control.

### NASA MSFC | SUMMER INTERN VOLUNTEER | MAY – AUGUST 2018

- Assisted NASA with the development and testing of their In-situ Resource Utilization (ISRU) cryogenic propulsion prototype at the Marshall Space Flight Center's Propulsion Laboratory. Created and mapped the electric wiring schematics, soldered and secured sensor connections between the vacuum chamber and the instrument system, and developed, soldered, and secured the neon cryogenic plumbing loop.

### BESTBUY | SEASONAL SALES ASSOCIATE | OCTOBER 2020 – JANUARY 2021

- Computing sales associate at BestBuy. Specialized in helping customers find the best product to fit their computing needs. Assisted in Car Audio, Home Theater, and Home Appliances.

### PUBLIX | DELI ASSOCIATE | JANUARY 2022 – JANUARY 2023

- Deli associate in charge of making deli foods, slicing meat, making sandwiches, and stocking shelves.

### VERIZON WIRELESS | RETAIL SPECIALIST | FEBRUARY 2023 – JUNE 2023

- Responsible for cell phone and electronic sales, troubleshooting customer's devices, and resolving technical issues.

### APP ACADEMY BOOTCAMP | STUDENT | SEPTEMBER 2023 – NOVEMBER 2023

- Web development student in a coding bootcamp. Learned full stack web development including React, JavaScript, HTML, CSS, Mondo DB, Python, and SQL.

## EDUCATION

### UNIVERSITY OF ALABAMA | ELECTRICAL ENGINEERING | CLASS OF 2025

- Honors College
- Presidential Scholarship
- IGSEP Cohort 6 – One of 10 students chosen for Dr. Bharat Balasubramanian's International German Student Exchange Program Cohort 6. (In the top 10 of all students who applied to IGSEP program from Electrical Engineering, Computer Engineering, Mechanical Engineering, and Computer Science.)

### HIGH SCHOOL | COVENANT CHRISTIAN ACADEMY-HUNTSVILLE, AL | CLASS OF 2019

- Calculus, Chemistry, Physics, Biology, Electronics, C++ programming

- Teacher's assistant: Chemistry, Electronics

## SKILLS and ACTIVITIES

- Programming:
  - Intermediate level: JavaScript, HTML, CSS, Python
  - Beginner level: C, C++, Java, RUST
- German Language, 200-level proficiency
- Science and Engineering Fair 2017
  - Finalist - International Science and Engineering Fair
  - 1<sup>st</sup> place Physics and Astronomy and NASA Best of Show – Alabama Science and Engineering Fair
- Eagle Rank, Boy Scouts of America, 2018