

# Will Buziak

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## University of Tennessee, Knoxville

B. Sc. Mechanical Engineering  
Minor Computer Science

## Education

Expected Graduation:

**May 2024**

## Electrochemical Energy Storage & Conversion Lab

## Experience

Knoxville, TN

### Undergraduate Research Assistant

**Aug 2022 - Present**

- Assist PhD candidates in CFD modeling of two-phase flow for hydrogen electrolyzer research applications
- Design a user interface for energy storage and power delivery requirements for battery powered vehicles.

## Eck-Lectric Ind.

Knoxville, TN

### Mechanical Engineering Intern

**Oct 2022-Present**

- Design, Develop, & Research solar thermal and photovoltaic processes for a solar power start-up company

## Neuromorphic

## Computing lab

Knoxville, TN

### Undergraduate Research Assistant

**Dec 2022 - Present**

- Assist a senior design research project in operating a drone by training a spiking neural network

## Shaw Ind.

Dalton, GA

### Process Engineering Co-op

**May 2022 – Aug 2022**

- Process improvement projects in a manufacturing environment focusing on waste management, safety and process optimization

## Computer Skills

C++ | Python | Java | MATLAB | Solidworks | Linux/Unix | Git | Siemens PLC | Microsoft Suite