

# Phillip Krigbaum

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## EDUCATION

Northern Arizona University - Flagstaff, AZ  
*Bachelor of Science in Mechanical Engineering*  
Expected Graduation: December 2023

## RELATED COURSEWORK

<i>Mechanics of Materials</i>	<i>Machine Design</i>
<i>Thermodynamics I &amp; II</i>	<i>Differential Equations</i>
<i>Fluid Mechanics I &amp; II</i>	<i>Computer Aided Design</i>
<i>Material Science &amp; Heat Transfer</i>	<i>Wind Energy Engineering</i>

## SKILLS

- Proficient at all Microsoft Applications
- SolidWorks CAD Software
- Machining and Fabrication
- Prototyping and 3D Printing
- Mechanical/Electrical Analysis
- Project/Team Management

## WORK HISTORY

### MECHANIC | 08/2023- Present

Electric Bikes of Flagstaff — Flagstaff, AZ

- Proficient in diagnosing and repairing electrical and mechanical issues, using specialized tools and machinery
- Conducts routine inspections and preventive maintenance tasks to identify problems, restore functionality and safety
- Troubleshoots and replaces faulty electrical systems and broken hardware

### CO-OWNER/ENTREPRENEUR | 11/2020- Present

Ann & Minter — Flagstaff, AZ

- Established my own candle business and employed two employees
- Created organizational financial worksheets and developed a social media store
- Sold 300+ candles, created a website and working on expansion

### SERVER/HOST/FOOD RUNNER | 05/2020 - 12/2022

Hula's Modern Tiki – Phoenix, AZ

- Followed safety and health regulations when handling food and beverages
- Promptly greeted guests, took, and placed orders, and delivered meals to tables

### FREELANCE HANDYMAN | 06/2020 - Present

Freelance – Phoenix, AZ

- Managed freelance handyman projects spanning all trades
- Cultivated a loyal client base through personalized service, leading to repeat business/referrals
- Applied technical expertise to address complex issues, ensuring efficient completion and high-quality work

### LEAD BIKE SHOP MECHANIC | 06/2017 - 07/2019

Boy Scouts of America Camp Emerald Bay - Avalon, CA

- Spearheaded the comprehensive maintenance and upkeep of a diverse fleet of bicycles
- Demonstrated leadership by mentoring and instructing incoming staff
- Orchestrated and guided group tours, prioritizing rider safety and enjoyment

## CERTIFICATIONS AND HONORS

- Boy Scouts of America Eagle Scout Honor and First Response Certified
- Studied abroad at Universität Konstanz in Germany during Spring 2022 Semester; learned about new cultures, international living, and developed independence