Kimberlee Werdehausen

Associate Research Engineer

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- 📞 (297) 356-0970
- 📍 5432 Sunset Blvd, Los Angeles, CA 90028

EDUCATION

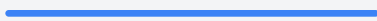**Bachelor of Science in Electrical Engineering at University of California, Berkeley**
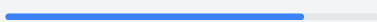
Sep 2013 - May 2018

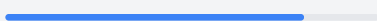I've learned the basics of electrical engineering, including circuit design, electronics, and electromagnetism.
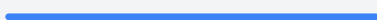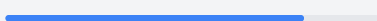
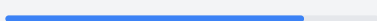## LINKS

linkedin.com/in/kimberleewerdehausen
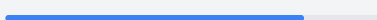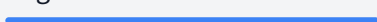
SKILLS

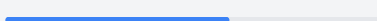Java

Python

C++

Matlab

Simulink

Labview

Autocad

LANGUAGES

English

Italian

PROFILE

Associate Research Engineer with over 4 years experience in performing research and engineering tasks to support the development of new products. Skilled at conducting experiments, analyzing data, and developing prototypes. Proven ability to work effectively on a team as well as independently. Experienced in the use of various tools and software programs for research and analysis.

EMPLOYMENT HISTORY

Associate Research Engineer II at Alphabet Inc., CA

Mar 2022 - Present

- Developed new process for fabricating devices which increased production by 30%.
- Wrote software code that collected and organized data from experiments automatically, saving 4 hours per week.
- Proposed changes to device design that reduced manufacturing costs by $0.5 per unit.
- Created experimental setup that improved reproducibility of results by 25%.
- Presented findings at 3 conferences and published 2 papers in peer-reviewed journals.

Associate Research Engineer I at Facebook, CA

Aug 2018 - Jan 2022

- Wrote code for new software that was adopted by the company and increased productivity by 12%.
- Developed a successful testing method for a new product which caught 85% of defects before release.
- Implemented an innovative design for a customer's complex project, resulting in 80% reduction in production costs.
- Resolved longstanding issue with machinery downtime due to inefficient data collection, saving the company $100,000/year.
- Led team of engineers in development of XYZ widget; achieved 123% of projected sales within first year.

CERTIFICATES

Certified Software Development Professional (CSDP)

Jan 2021

TensorFlow Developer Certificate

Jun 2019

MEMBERSHIPS

Institute of Electrical and Electronics Engineers (IEEE)

American Society for Engineering Education (ASEE)