

# CHRISTALYN BARTHELMY

Research Engineer I

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## PROFILE

I am a research engineer with over 5 years of experience in the engineering field. I have experience working on projects involving data analysis, project management, and technical writing. I am skilled in using Excel, Matlab, and SPSS for data analysis. My ability to communicate effectively and work well under pressure has allowed me to excel in my career thus far.

## LINKS

[linkedin.com/in/crystalynbarthelmy](https://www.linkedin.com/in/crystalynbarthelmy)

## SKILLS

Research

Engineering

Mathematics

Physics

Chemistry

Biology

## LANGUAGES

English

Dutch

## HOBBIES

Biking

Hiking

Tennis

## EMPLOYMENT HISTORY

### ● Research Engineer I at Lockheed Martin Space, CO

Jun 2022 - Present

- Led the development of a new research project that increased revenue by \$100,000.
- Wrote and published 3 papers in academic journals.
- Presented findings at 2 international conferences.
- Successfully completed 1st phase clinical trials for new blood pressure medication.

### ● Research Engineer II at Northrop Grumman Space Systems, CO

Sep 2017 - May 2022

- Authored 10 research papers that were published in peer-reviewed journals.
- Led a team of 5 engineers in designing and conducting experiments to test prototype products.
- Conducted 100 hours of field research, gathering data on customer usability of new product prototypes.
- Wrote 50 pages of documentation on findings from experimental results and user feedback surveys.
- Presented findings to senior management, which led to 3 designs being scrapped and 2 redesigned for further testing.

## EDUCATION

### Bachelor of Science in Computer Science at University of Colorado Boulder

Sep 2012 - May 2017

In my Bachelor of Science in Computer Science coursework, I learned how to design and implement software solutions to complex problems.

## CERTIFICATES

### Certified Research Engineer (CRE)

Mar 2021

### Certified Professional in Engineering Analytics (CPEA)

Oct 2019

## MEMBERSHIPS

American Association for the Advancement of Science

Institute of Electrical and Electronics Engineers