Jack Krebsbach

Data Science | Web Development | Founder

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EXPERIENCE

Startup Founding Partner *REZA INC.*

MAY 2019 – PRESENT

- Founding partner of REZA. INC, a light up footwear brand dedicated to inspire those to *'Light Your Own Path'*
- Techstars Sports Accelerator Powered by Indy (2020)
- Traveled to Taiwan for 5 months to source components and complete shoe development
- Pre-order drop sold out August 2021
- Acquired waitlist of 20k+

Undergraduate Researcher *Hope College Mathematics & Geology Department*

MAY 2019 – PRESENT

- Mapping vegetation with drones and machine learning on coastal sand dunes
- Conduct field work flying drones and big data analysis of imagery using R and Python
- Presented at Joint Math Meetings, Geological Society Association Meeting, and Mathfest

Math Lab Tutor *Hope College Mathematics & Statistics Department*

JAN 2020 – MAY 2020

- Tutored for lower and upper-level math courses
- Provided mathematical guidance to students on an individual and group basis

Computer Science Tutor *Hope College Computer Science Department*

Aug 2019 – DEC 2019

- Tutored for Software Design & Implementation CS course using Java
- Led groups of students in critical thinking problem solving sessions

Youth Ambassador *U.S Department of State*

JUL 2016 – MAY 2017

- 10-month long exchange in the Philippines
- Lived with a Filipino host family to learn Filipino culture and Tagalog
- Scholarship funded by U.S State Department

ABOUT

I am a junior studying Mathematics at Hope College in Holland, MII. I use data analysis and statistical learning methods to solve problems. I also enjoy building web applications and learning about software development.

SKILLS

Programming Languages

R, Python, MATLAB, JavaScript, Typescript, Java, HTML, CSS, Sass

Technologies & Frameworks

Git, SQL, QGIS, Node.js, React, Next.js, Vercel, Google Analytics, Shopify, RStudio, Jupyter, Autodesk Inventor, Agisoft Metashape

EDUCATION

Hope College *B.S. Mathematics Computation & Data Enabled*

AUG 2018 – PRESENT
GRADUATION: MAY 2023
CUMULATIVE GPA: 3.98

Highlighted Coursework

Numerical Analysis, Databases for Data Science, Software Design & Implementation, Computer Aid Design, Intro to Mathematical Physics, Physics Lab: Electronics, Biomedical Instrumentation

AWARDS & HONORS

- Michigan Space Grant Consortium Undergraduate Fellowship (2019)
- John H. Kleinheksel Mathematics Award (2019)
- Hope College Presidential Scholarship (2018)
- Pi Mu Epsilon Mathematics Honor Society (2019)
- Kennedy-Lugar Yes Abroad Study Abroad Scholarship (2016)