intro

education

work

skills

info

Hey, I'm Brian Tanabe

education.

Stanford University Class of 2021 | B.S. in Product Design
- **ME203** | Design for Manufacturing
- **ME218A** | Smart Product Design Fundamentals
- **ME115A** | Product Design Methods
- **ME115B** | Human Values in Design

Belmont Hill School Class of 2017 | Summa Cum Laude
- 3D Modeling Club Founder
- Robotics Club President
- Brown Book Prize Recipient
- Community Service Award Winner

work.

Foldscope | Product Designer
09/19 - Present
- Developing a cross-platform smartphone application to use in conjunction with the Foldscope Paper Microscope

Ballonerang, Stanford Space Initiative | Team Lead
Mechanical Lead 10/18 - 09/19 | Team Lead 09/19 - 01/20
- Worked with a small team to develop a guided recovery device for payloads dropped from ~35,000ft
- Built temperature resistant systems to maintain stability and record flight data for high-altitude balloons
- Streamlined prototype testing to enable faster development
- Managed budget, gantt chart, documentation, and on-boarding

Canary, Engineers for a Sustainable World | Team Lead
Team Lead 10/18-10/19 | Mechanical Lead 10/17-10/18
- Lead a small team of engineers developing a remote monitoring device for sustainable power plants in rural Indonesia
- Developed a ruggedized, plug-and-play enclosure for precision electronics

Belmont Hill School | Summer School Teacher
06/17 - 09/17
- Wrote curriculums centered around 3D printing, laser cutting, and Arduino
- Introduced high-school students to industry standard CAD programs and practices

skills.

design
- Fusion 360
- Solidworks
- Sketch App
- Illustrator

manufacturing
- Laser Cutting
- 3D Printing
- Vinyl Cutting
- Milling
- Turning

at home
- Cooking
- Tenor Sax
- Hiking

contact.

- **email** | btanabe@stanford.edu
- **phone** | (617) 418-0533
- **address** | 549 Lasuen Mall, Stanford CA 94305
- **portfolio** | briantanabe.github.io
- **linkedin** | linkedin.com/btanabe

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