

## John Behm

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### PROFILE

Engineer with a strong technical foundation and hands on experience in design, prototyping, testing, and documentation. Skilled in CAD modeling, troubleshooting mechanical systems, and collaborating with multidisciplinary teams.

### EDUCATION

M.S., Aerospace Engineering • University of Colorado, Dec 2019

B.S., Engineering Science (cum laude, with honors) • Colorado State University, May 2016

Fundamentals of Engineering (FE) Exam, Passed Jun 2019

### EXPERIENCE

#### **Volunteer Exhibit Engineering Contributor**

Fort Collins Museum of Discovery • Dec 2024 – Present

- Collaborating with museum staff to redesign and implement interactive exhibits, focusing on usability and reliability improvements.
- Developing prototypes, testing interfaces, and documenting procedures for maintenance and assembly.

#### **Tennis Director / Instructor**

Troon Resorts • Nov 2022 – May 2024; Lewis Tennis School • 2012 – 2022

- Managed operations, scheduling, and event coordination while meeting revenue and participation goals.

#### **Graduate Research Assistant**

University of Colorado • Jan 2017 – Jan 2019

- Processed and analyzed global geomagnetic data using Python, including trend and spectral analyses.
- Designed workflows for data cleaning, organization, and presentation.
- Prepared technical reports and presented findings to academic audiences.

#### **Intern, Little Shop of Physics**

Colorado State University • Sep 2015 – May 2016

- Designed, built, and presented hands-on STEM demonstrations for K-12 outreach.
- Collaborated with team members to create engaging, reliable demonstrations.

### TECHNICAL SKILLS

CAD and Design: SolidWorks, Creo, Autodesk Fusion, basic FEA familiarity

Prototyping and Fabrication: 3D printing, mechanical assembly, troubleshooting

Software and Analysis: Python for data analysis, MATLAB familiarity, STK Level 1 certified