

John F. Tim Jr

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OBJECTIVE

Engineering student with hands-on experience in mechanical, electrical, biomedical, and computer systems. Known for applying technical knowledge to solve real-world challenges, with strong analytical skills and proven teamwork and leadership abilities. Seeking an opportunity to contribute to innovative engineering solutions.

EXPERIENCE

Founder | Rejects Sports

Oct 2023 – Present | Central Pennsylvania

- Established a collegiate-level ice hockey team, managing recruitment, training, scheduling, and product development.
- Currently expanding into sports equipment design and instruction through LLC formation.

Ice Hockey Official | USA Hockey

Sep 2014 – Present

- Officiate at various league levels including USA Hockey, USPHL, EHL, AAU, and ACHA, with Level 4 certification.

Professional Golf Staff | Burke Lake Golf Center

Apr 2022 – Aug 2023 | Fairfax, VA

- Conducted private and group lessons, managed tournaments, and provided sales and equipment fitting assistance in the golf shop.

Nurse Aide | Bradford Ecumenical Home

Nov 2020 – May 2021 | Bradford, PA

- Provided compassionate care to residents in a long-term care facility, ensuring their needs were met in a professional manner.

EDUCATION

B.S. Biomedical Engineering, Elizabethtown College (Expected May 2025)

Relevant Coursework: Circuit Analysis, Mechanics of Materials, Signals and Systems, Statics, Dynamics, Bio-Electrical Signals, Biomechanics.

Previously attended George Mason University (2021 – 2023), completing coursework in Calculus, Physics, Chemistry, Human Biology, and Programming (Python, MATLAB, C/C++).

PROJECTS

Occupational Therapy Board: Group project to design an interactive therapy board for motor skill enhancement for a child with cerebral palsy using Arduino. Focused on programming and integrating physical components for a gamified experience.

Webpage Design: Developed a website for a local ice hockey team. Solo project utilizing HTML on Shopify to improve user experience and integrate team schedules and product information.

Book Page Turner (In Progress): Senior capstone project creating a device that assists in turning book pages, utilizing Arduino for automation and coding for functionality.

Ice Hockey Stick (In Progress): Solo project designing a custom ice hockey stick using CAD software. Working with NCAA athletes to refine design and optimize material choices.

SKILLS

Leadership, CAD (AutoCAD, Inventor, Fusion360), Programming (C, C++, Python, MATLAB, Java, HTML), Problem Solving, Public Speaking, Golf Course Management.

ACTIVITIES & CERTIFICATIONS

- Founder & President, Elizabethtown Rejects Ice Hockey Team
- Ice Hockey Coach, Palmyra Black Knights 18u AA
- USGTF Golf Instructor
- Certified Nurse Aide (2021-2023), Commonwealth of Pennsylvania
- CPR/AED Certified, American Red Cross
- USA Hockey Official – Level 4 Certification