

## **John F. Tim Jr**

Elizabethtown, PA 17022 | (814) 558-7310 | [LinkedIn](#) | [Portfolio](#)

### **EXPERIENCE**

#### **Founder | Sicarius Sports & Entertainment (SSE)**

Oct 2023 – Present

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

#### **Ice Hockey Official & Coach | USA Hockey**

Sep 2014 – Present

- Officiating various leagues including, USA Hockey, USPHL, EHL, AAU, ACHA, with a Level 4 Certification.
- Coaching ages 5-18, most recently with the Palmyra Black Knights 18u AA youth team.

#### **Professional Golf Staff | Burke Lake Golf Center**

Apr 2022 – Aug 2023 | Fairfax, VA

- Conducted private and group instruction, managed tournaments, and provided sales and equipment fitting in the golf shop, certified by USGTF, Callaway, Cobra, Titleist, Mizuno, and Wilson.

#### **Shadow | Hanger Clinic**

August 2024

- Shadowed a Prosthetist/Orthotist observing the full process of prosthetic/orthotic from client to designing/ordering, manufacturing and then back to the client.

### **EDUCATION**

#### **Elizabethtown College** (Aug 2023 – Present)

#### **George Mason University** (Aug 2021 – May 2023)

B.S. General Engineering – Concentration in Biomedical (Expected December 2025)

Relevant Coursework: Bio-Electric Signals, Biomechanics, Calculus 1-3, Circuit Analysis, Dynamics, General Chemistry 1-2, Human Biology, Computer Programming, Physics 1-2, Signals and Systems, and Statics

### **PROJECTS**

Book Page Turner: Senior Capstone Project creating a device that assists in turning book pages, utilizing Arduino for automation and C++ coding for functionality.

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

Webpage Design: Developed a website for hockey team. A solo project utilizing HTML and CSS on Shopify to improve user experience and integration of team schedules and product information.

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

### **SKILLS**

CAD (AutoCAD, Inventor, Fusion360, TinkerCAD), Programming(C, C++, HTML, Javascript, MATLAB, Python, R)

#### **Accomplishments/Certifications**

- Certified Nurse Aide (2021-2023), Commonwealth of Pennsylvania
- CPR/AED Certified, American Red Cross
- IRB Certified