

Student Name

Melbourne, Florida 32901

(555) 555-555 - student@fit.edu – www.linkedin.com/personalurl

EDUCATION

Florida Institute of Technology

Bachelors in Science, Biomedical Engineering

May 20xx

SKILLS

- **Technical:** PTC CREO, AutoCAD, SolidWorks, MATLAB, LabView, ANSYS
- **Medical Equipment:** Atlas Infusion Pump, Ventilators
- **Interpersonal:** Leadership, Self-Initiator, Teamwork

CERTIFICATIONS

- 'Project Management: Healthcare Projects' LinkedIn Learning Certificate
- Red Cross First Aid & CPR

PROJECT EXPERIENCE

Florida Institute of Technology, Melbourne, FL

Aug 2022 - Present

Senior Design I & II – Prosthetic Limb Development

- *Designed and created an above knee prosthetic limb using PTC Creo, AutoCAD and SolidWorks*
- *Collected and processed EMG signals*
- *Integrated EMG signal to control rotor movements*
- *Presented project at Northrop Grumman Design Showcase*

Human Heart Electrical Signal Testing

- *Constructed LabVIEW virtual instrument to perform data acquisition, Fast Fourier Transform and digital filtering*
- *Compiled data to evaluate current therapies and develop new OI treatments*

Osteogenesis Imperfecta Research

- *Measured and compared bone porosity with SEM, ImageJ and MATLAB*
- *Designed 3-pt bending rig for Instron in PTC Creo and tested in ANSYS*
- *Compiled data evaluating current therapies for developing new OI treatments*
- *Produced experiments to map bone fracture mechanics*
- *Compiled data to evaluate current therapies and develop new OI treatments*

WORK EXPERIENCE

Orlando Regional Medical Center, Orlando, FL

May 2023 – Aug 2023

Biomedical Technician Intern

- *Researched Atlas Infusion pumps for failure analysis on exiting production pump*
- *Repaired pump per manufacturer's procedures and specifications*
- *Performed pump functional test successfully*
- *Performed annual PMs on hospital beds, pumps and ventilators*

American Eagle Outfitters, Palisades, New Jersey

Jul 2021 - Aug 2022

Sales Associate

AWARDS & ACTIVITIES

- *Dean's List*
- *Tau Beta Pi Engineering Honor Society*
- *Biomedical Engineering Society – Treasurer*
- *Society of Women Engineers*
- *Florida Tech Intermural Volleyball Team*