

# Brandon Black

(985) 317-9008 • Friendswood, TX • bblack6401@gmail.com

## EDUCATION

---

### Texas A&M University

*Master of Science in Finance  
Mays Business School*

**College Station, Texas**

*May 2026*

*Cumulative GPA: 3.50/4.00*

### Texas A&M University

*Bachelor of Science in Electrical Engineering  
College of Engineering*

**College Station, Texas**

*May 2025*

*Cumulative GPA: 3.63/4.00*

Honors: Craig and Galen Brown Engineering Honors Program, National Merit Finalist

## PROFESSIONAL EXPERIENCE

---

### Wärtsilä North America, Inc.

*Incoming Market Analyst Intern*

**Lewisville, Texas**

*June 2024 – August 2024*

### IPS PowerServe

*Power Systems Engineering Intern*

**Lewisville, Texas**

*June 2023 – July 2023*

- Modeled industrial power systems using SKM Power Tools to create arc flash evaluation reports and revise existing safety protocols for clients
- Updated old wiring diagrams with Bluebeam Revu to document installation of new switchgear and replacement of outdated relays, compiling user manuals and technical information to synthesize digital components in electromechanical systems
- Assisted field technicians in performing routine maintenance tests on high voltage industrial equipment quickly and efficiently
- Tested various electrical relays using a Manta test kit, ensuring proper trip timing and sensitivity prior to resale

### Texas A&M College of Engineering

*Electrical Engineering Ambassador*

**College Station, Texas**

*October 2021 – May 2023*

- Organized outreach events, Night at the Zach and STEM Expo for the Electrical and Computer Engineering Department, by creating presentations and engineering demos for prospective candidate attendees
- Hosted hundreds of prospective students interested in electrical engineering on departmental tours and information sessions
- Met one-on-one with current students to discuss scheduling and registration concerns and to advise the best course of action

## LEADERSHIP & INVOLVEMENT

---

### Texas A&M BUILD

*External Relations Team Member*

**College Station, Texas**

*February 2023 – Present*

- Conduct outreach to potential sponsors through email campaigns for the purpose of soliciting funding for a \$100,000 operation to provide portable medical clinics around the world in honor of the 12 fallen Aggies in the 1999 Bonfire collapse
- Provide point of contact resources and maintain relations with current donors to maintain established relationships
- Delegate construction tasks among volunteers of varying skill levels on site and oversee each individual's work to ensure tasks are completed safely and efficiently

### Engineers for a Sustainable World

*Water Reclamation Unit Team Lead*

**College Station, Texas**

*September 2022 – Present*

- Assign specific tasks to team members based on engineering disciplines and skills to carryout water reclamation project
- Synthesize design elements with AutoCAD to model a prototype water reclamation unit, calculate power requirements and design appropriate circuitry, and source components from online distributors while analyzing and controlling project costs

## SKILLS, ACTIVITIES & INTERESTS

---

**Technical Skills:** C++, Python, MATLAB, PyTorch, TensorFlow, Microsoft Office, Multisim, Verilog, AutoCAD

**Certifications and Training:** Wall Street Prep Excel and PowerPoint, CFA Investment Fundamentals

**Activities:** IEEE, Big Event, Intramural Sports

**Interests:** Mountain Biking, Rock Climbing, Wing Surfing