

# Charles Wentworth

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US Citizen | Security Clearance Eligible

## EDUCATION

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**Texas A&M University, College of Engineering** | College Station, TX  
*Bachelor of Science in Aerospace Engineering, Minor in Mathematics*

Aug 2024 – May 2028

- GPA 3.34
- Relevant Coursework: Engineering Mechanics, Thermodynamics, Introduction to Flight, Engineering Computation, Linear Algebra, Differential Equations

## SKILLS

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- **Design & Engineering:** SolidWorks, XFOIL/XFOIL5, AutoCAD, Fusion 360, aerodynamic analysis, Python (NumPy, Matplotlib, SciPy), HTML, CSS, technical documentation
- **Professional:** Leadership, technical presentations, cross-functional coordination, outreach

## EXPERIENCE

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**Autodesk Campus Leader (AutoCAD, Fusion) for Texas A&M** | College Station, TX  
*Autodesk*

Jan 2025 – Present

- Lead workshops, hackathons, and presentations introducing CAD and design workflows
- Lead and manage a team of 30+ student ambassadors, coordinating recruitment, outreach, and campus engagement initiatives
- Serve as the primary liaison between Autodesk corporate teams, Texas A&M faculty, and student organizations

**Civic Stream Co-Founder & Vice President**  
*CivicStream LLC*

Jul 2025 – Present

- Co-founded a live-streaming platform providing constant access to various government meetings
- Designed and developed a responsive web platform using HTML, CSS, JavaScript, and Python (Flask)
- Integrated live video streams, structured JSON directories, and performance-optimized layouts to support scalable civic access

**Professional Mentorship – Aerospace & Defense**  
*Lockheed Martin*

Jan 2026 – Present

- Selected for ongoing professional mentorship with Jason Gilligan (Strategy Development Airborne Electronic Warfare), focused on aerospace and defense career development and industry networking

## PROJECTS

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**A Case Study of San Antonio International Airport** | San Antonio, TX

- Analyzed a \$2.5B airport infrastructure expansion focusing on capacity growth, system constraints, and stakeholder requirements
- Developed a technical report evaluating scalable expansion strategies applicable to large international airports

## LEADERSHIP & COMMUNITY INVOLVEMENT

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**2026 Texas Engineering & Science Fair (TXSEF)** | College Station, TX  
*Judge, Mathematics*

Mar 2026

**Aerospace Engineering Ambassador for Texas A&M University** | College Station, TX  
*Ambassador*

Mar 2026 – Present

**Autodesk Design & Make Club of Texas A&M** | College Station, TX  
*Founder & President*

Jan 2026 – Present