

Huey Chan

Charleston, SC | (662) 229-8520 | huey@hchanengineer.com

Skills

Technical Skills:

- Coding : MATLAB, Python, and C++
- Computer Modeling: OpenVSP, Patran, SolidWorks and Autodesk Inventor
- Office Work: Microsoft Word, Excel, and Powerpoint

Certifications:

- AutoCAD 2025 Essentials – LinkedIn Learning
- Six Sigma White Belt Certification - The Council for Six Sigma Certification

Education

University of California, Davis

June 2023

Bachelor of Science in Aerospace Science and Engineering

Cumulative GPA: 3.6/4.0

Relevant Experience

Boeing Commercial Airplanes - Design Engineer (Lighting) for 787 Airliner

September 2026-Present

Charleston, SC

- Design and modify 787 aircraft lighting systems using CATIA 3-D CAD software
- Develop 3-D models supporting interior lighting system integration and product definition
- Collaborate with manufacturing teams to resolve design issues and support aircraft production

Boeing Commercial Airplanes - Assembly Installer for 737 Airliner

November 2025-August 2026

Renton, WA

- Install 737 components by interpreting engineering drawings and installation plans
- Verify parts and assemblies against specifications to ensure accuracy and compliance
- Collaborate with team members to maintain workflow and efficient production

Jason M J Chan Architect - Architectural Drafter

January 2025-October 2025

Millbrae, CA

- Conducted site visits and collect layout measurements for residential remodels
- Produced detailed AutoCAD drawings with turnaround times typically under 1 week
- Specialized in high-value (\$1M+), century-old homes with complex, historical designs

Space and Satellite Systems Club - Computer Systems Section

October 2021-June 2023

Davis, CA

- Created software and code for an experimental cube-sat before launch
- Developed Python experience writing autonomous algorithms within 4 months
- Coordinated computer-systems section with other teams to meet tight project deadlines

Aircraft Performance and Design - Hybrid Electric Aircraft

March 2023

Davis, CA

- Collaborated with teammates to design a hybrid turboprop regional airliner
- Created a 73 page preliminary design report and presented design in a public presentation
- Met weekly to delegate CAD or numerical analysis tasks and update the project schedule

Links

Portfolio: <https://hchanengineer.com/>

LinkedIn: <https://www.linkedin.com/in/hueypchan/>

GitHub: <https://github.com/yeuhsss>