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Chloe Sharma

JUNIOR CAD TECHNICIAN

PROFILE

HND Engineering (CAD/CAM) graduate from Teesside University with a **6 month work placement** at a regional architectural practice. Produced **35 technical drawings** in AutoCAD and Revit, contributed to **4 planning application submissions**, and maintained a drawing register covering **200+ drawings across 12 projects**. Proficient in AutoCAD, Revit, and SolidWorks, with strong attention to detail and an understanding of BS 1192 drawing standards.

EDUCATION

HND Engineering (CAD/CAM) in CAD/CAM

Teesside University, Middlesbrough
Sep 2023 – Jun 2025

SKILLS

- AutoCAD 2D & 3D
- Revit (BIM Level 2)
- SolidWorks
- Technical Drawing (BS 1192)
- Drawing Register Management
- Revit Family Creation
- Planning Application Drawings
- Floor Plans, Sections & Elevations
- Document Control
- Microsoft Office Suite
- SketchUp
- Attention to Detail

LANGUAGES

- English - Native

EXPERIENCE

CAD Technician (Work Placement), Niven Architects, Middlesbrough Jun 2025 – Nov 2025
Completed a 6 month work placement as a CAD technician in a 15-person architectural practice.

- Produced **35 technical drawings** in AutoCAD 2D and Revit, including floor plans, elevations, sections, and site layouts
- Contributed drawings to **4 planning application submissions** for residential extensions and small commercial developments
- Maintained the practice's drawing register of **200+ active drawings** across **12 projects**, ensuring correct revision control and file naming
- Created **3 Revit families** for bespoke joinery items and updated the practice's BIM template with standard door and window schedules

Retail Assistant (Part-time), B&Q, Stockton-on-Tees Sep 2023 – May 2025
Part-time role in the building materials department during studies.

- Advised customers on building products and assisted with **25+ customer queries per shift**
- Managed stock replenishment for an aisle with over **300 product lines**

CERTIFICATIONS

Autodesk Certified User: AutoCAD, Autodesk Feb 2025 – Feb 2025

CSCS Green Card, Construction Skills Certification Scheme May 2025 – May 2025

PROJECTS

3-Bedroom House Construction Drawing Set (HND Major Project) Jan 2025 – May 2025

Produced a complete set of construction drawings for a new-build 3-bedroom detached house to Building Regulations standard.

- Created **18 drawing sheets** in AutoCAD and Revit covering floor plans, elevations, sections, foundation details, and roof construction
- Included structural details coordinated with a simplified structural engineer's specification
- Produced a 3D Revit model with clash detection, identifying **4 service routing conflicts** resolved before final submission

EXTRA CURRICULAR ACTIVITY

Teesside University Women in Engineering Network Member Jan 2024 – Jun 2025

Attended **6 networking events** and mentored **2 first year HND students** through the peer support scheme.