

OLIVER MITCHELL

Plumber

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📍 Pittsburgh, PA

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WORK EXPERIENCE

Plumber

Roto-Rooter

📅 2019 - current 📍 Pittsburgh, PA

- Designed plumbing layouts for commercial projects using PipeCAD Pro, resulting in a 24% reduction in material waste.
- Created plumbing models for large-scale residential developments using Autodesk Revit MEP, which **decreased design errors by 37%**.
- Employed AutoCAD Plumbing Design to produce accurate plumbing plans and shorten project turnaround time by 21%.
- Trained 4 plumbing apprentices and saw a 59% improvement in their technical skills.

Plumbing Apprentice

Petro Home Services

📅 2018 - 2019 📍 Reading, PA

- Assisted senior plumbers in designing plumbing layouts for 21 residential projects, contributing to their timely completion.
- Supported estimation of materials and labor costs using FastPIPE, which helped the team stay within a \$1.2M project budget.
- Conducted research on energy-efficient water heaters using the Rheem Tankless Water Heater Sizing Tool which led to a 19% average reduction in energy consumption per home.
- Leveraged HydraCAD to assist senior plumbers in creating detailed plumbing schematics that **reduced review time by 27%**.

Pipe Installer

Keystone Plumbing & Heating

📅 2015 - 2018 📍 Reading, PA

- Installed piping systems on 22 residential construction sites, ensuring adherence to PipeCAD Pro design specifications.
- Collaborated with project teams to install 600+ feet of piping in commercial buildings within the estimated timeline.
- Conducted thorough pressure drop calculations using Pipe Flow Expert Pressure Drop Calculator to optimize flow rates.
- Utilized Uponor Pipe Sizing Calculator to accurately cut pipes, **reducing material waste for a large-scale industrial plumbing project by 42%**.

EDUCATION

High school diploma

Thomas Edison High School

📅 2011 - 2015

📍 Philadelphia, PA

SKILLS

- PipeCAD Pro
- Autodesk Revit MEP
- AutoCAD Plumbing Design
- Uponor Pipe Sizing Calculator
- FastPIPE
- Rheem Tankless Water Heater Sizing Tool
- Pipe Flow Expert Pressure Drop Calculator
- HydraCAD

CERTIFICATIONS

- Master Plumber License

