

BLAKE DYKES

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OBJECTIVE

Millwork Engineer with 5+ years of experience manufacturing casework and refining engineering processes. Seeking to use my education and relevant experience to transition into a career in software development. Possess a wide range of technical, interpersonal, and leadership skills, as well as a strong desire to learn new technologies and create excellent products.

SKILLS

Java C/C++ C# Visual Basic NoSQL (MongoDB) SQL Stimulsoft Microvellum AutoCAD
OpenGL Eclipse Git MEAN Agile Linear Algebra

WORK EXPERIENCE

Lead Project Engineer

CCI Group

Longview, Texas

May 2018 – Present

- Lead a team of engineers in creating architectural submittals and technical drawings of casework, solid surface countertops, and custom millwork
- Tasked with improving engineering processes, methods of design, and error prevention
- Design millwork products and reports using Microvellum, Visual Basic, and Stimulsoft
- Produce and troubleshoot Machine Code for CNC, Point-to-Point, and Beam Saw machinery
- Draw elevations, floor plans, and 3D views according to architectural requirements and specifications using AutoCAD
- Construct reports used by accounting and shipping by extracting and interpreting data from a SQL database

Project Engineer

Pinnacle Cabinets

Canton, Texas

December 2016 – February 2018

- Worked in coordination with home builders and in-house manufacturers to design, build, and install high end residential casework
- Used CAD Software (Mozaik) to prepare technical drawings and detailed assembly instructions
- Used CAD Software (Mozaik, Sketchup) to prepare 3D models and floor plans
- Prepared cut lists and G-Code used by CNC operators and assembly crew

EDUCATION

Southern New Hampshire University

Bachelor of Science – Computer Science, 109 hours completed

Tyler, Texas

Graduation Date: October 25, 2020

Tyler Junior College

Computer Aided Drafting and Design Certificate

Tyler, Texas

2017 – 2018

Hallsville High School

High School Diploma, General Education

Tyler, Texas

2010