

# Claudiu Diaconeasa

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## Summary

Full Stack Web Developer seeking to leverage proven technical skills to drive company revenue growth by creating dynamic, high-speed applications and platforms. Industrial automation professional, with extensive knowledge in programming high-end CNC machines, manufacturing processes and CAD drafting, certified in web development by Northwestern University. Excited to create business solutions and provide a better web experience

## Technical Skills

HTML5, CSS3, Javascript, JQuery, Bootstrap, Node Js, MySQL, MongoDB, Express, Handlebars.js, Firebase, ReactJS & Adobe Creative Suite

## Projects

**RentSocial** | <https://github.com/CD-prog/RentSocial> | <https://cd-prog.github.io/RentSocial/>

- A web page to find rental listings and nearby events.
- The web page is built with HTML, CSS, Javascript-Jquery.
- Materialize CSS framework, ajax, animate CSS, template literals were used to make the webpage responsive and interactive.
- Three third party APIs were used to get the required data.

**Weather-Dashboard** | <https://github.com/CD-prog/weather-dashboard> | <https://cd-prog.github.io/weather-dashboard/>

- Weather app that uses OpenWeather API to retrieve data for multiple cities, then stores that info in localStorage
- HTML, CSS, Javascript-Jquery, localStorage

**Work-Day-Scheduler** | <https://github.com/CD-prog/work-day-scheduler> | <https://cd-prog.github.io/work-day-scheduler/>

- A simple calendar app for scheduling your work day. Time blocks change colors based on time of day and info gets stored in local storage once it is saved
- HTML, CSS, JavaScript, JQuery, moment.js, event listeners and localStorage

**Trivia-Night** | <https://github.com/CD-prog/trivia-night> | <https://morning-ravine-45125.herokuapp.com>

- Trivia game with persistent profile stat tracking and top scores. It uses Open Trivia DB API and generates a quiz game which consists of ten questions from different categories and difficulty types. User has 90 seconds to answer the questions and get personal stats.
- Node.js - for js runtime
- Express - for server configuration
- Sequelize ORM - for DB object relational mapping
- MySQL - for housing the data
- Handlebars.js - for html templating

- jQuery/js - for dom manipulation
- Passport.js/Bcrypt - to encrypt passwords
- ESLint - to help keep code formatted correctly
- animista.net - for CSS animations
- bootstrap - for responsive design
- html - layout
- CSS - for custom style
- open trivia DB - for question generation
- HTML, CSS, JavaScript

## **Experience**

### **Computer Numerical Control programmer American Custom Countertops**

2017 – 2020  
**Niles, IL**

- Programmed, operated, maintained and performed troubleshooting of state of the art equipment:
  - Intermac - MasterStone 4000 - stone/glass cutting, edging and polishing CNC machine
  - Breton NC 300 EVO - 4 axis CNC machining centre
  - Breton SMART - CUT 550 OPTIMA - 5 axis CNC cutting centre
  - Breton SpeedyCut FK NC 800 - bridge saw
- Helped improve the manufacturing process while maintaining company safety standards
- Organized , edited and maintained CAD files for all residential and commercial projects
- Software proficiency: AutoCad, Intermac software (Inter Cad, StoneCam 3D), Cut & Jet Prussiani, Pegasus CAD/CAM BRETON Smartcam +, BRETON Touch, Siemens 840D SL digital NC, Windows, OS X, Ms Office, Networks, Hardware

### **Computer Numerical Control programmer Granite and Marble Depot**

2008 – 2017  
**Mokena, IL**

- Programmed, maintained and performed troubleshooting of high-end fabrication machinery:
  - PRUSSIANI ENGINEERING CUT+JET+MOVE - 5 interpolated axis CNC saw and waterjet
  - BRETON NC260 – 3 axis granite/marble cutting , edging and polishing CNC machine
- Trained personnel to machinery utilization
- Participated in projects involving the implementation of complex manufacturing equipment
- Software proficiency : AutoCAD, Breton SmartCam +, Neolt MX DIGIT 2000 TEMPLATE DIGITIZER, SIEMENS SINUMERIK NC control

## **Education**

**Northwestern University, Evanston IL**  
*Certificate - Full Stack Web Development*

**Constantin Brancoveanu University, Romania**  
*Bachelor of Science - Accounting and Finance*