

DENNIS TSISHCHENKA

Full Stack Web Developer | Data Analyst | P. Eng.

Calgary, Alberta

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Over 10 years of international experience in Engineering, Technology and Data Analysis. Strong time management skills and attention to details. Proven ability to work in a team and independently.

HIGHLIGHTS OF QUALIFICATIONS

- 14 years of experience in Engineering, Technology and Data Analysis.
- Technology skills: HTML5, CSS, JavaScript, Bootstrap, React, Node.JS, Express, NPM, Python, PHP, SQL, MongoDB, Object oriented programming, Database design, Git, Github, MVC
- Strong time management skills and attention to details. Proven ability to work in a team and independently.

PROJECTS

Travel Website Project - <https://github.com/DennisTz/TravelWebsiteGroup5>

Jan 2021 – Mar 2021

Created backend portion of the website.

The following technologies were used on this project:

- Node.JS Express framework
- Model-View-Controller MVC architecture with pug view engine support
- Mongo DB with Mongoose
- Passport authentication middleware

Soccer Club Website - <https://github.com/DennisTz/soccerclubwebsite>

Jan 2021

Created frontend portion of the website.

The following technologies were used on this project:

- Node.JS Express generator template engine with HTML5, CSS, JavaScript

Kids Cartoon Project - <https://github.com/DennisTz/kidscartoonwebsite>

Jan 2019

Kids cartoon website is a young viewers targeting resource where kids can watch their latest and popular cartoons all at one place.

The following technologies were used on this project:

- HTML5, CSS

EMPLOYMENT HISTORY

Data Analyst as Control Systems Engineer

Oct 2014 – Apr 2020

Stantec, Calgary, AB

- Conducted analysis of existing systems and client requirements, performed data gathering, provided engineering input into client proposal for respective discipline.
- Designed and coordinated client project deliverables such as panel layouts, bill of materials, schematics and power distributions drawings according to client document control standards and procedures.

- Prepared MRQ and MRP document complete packages in order to buy necessary controls and instrumentation equipment.
- Coordinated with designers and engineers from electrical disciplines, ensured project deadlines are met.
- Attended and participated in project meetings and reviews.

Data Manager as Control Systems Designer

Sept 2011 – Aug 2014

Bantrel, Calgary, AB

- Designed and drafted marshaling & system cabinet layouts, overall system architecture and control room layout drawings for construction.
- Performed wiring in INTOOLS wiring module. Prepared, updated and verified cross wiring reports for construction.
- Performed and troubleshooted functional loop and I /O testing for DCS, SIS and third party interface systems (Yokogawa Centum & ProSafe systems, FAT phase).
- Checked and resolved punch list items. Demonstrated punch list item solution to Client for closure (FAT phase).
- Updated and prepared construction drawings for As-Built in MicroStation, AutoCAD and Smart Plant Instrumentation wiring module programs (FAT phase).
- Attended and participated in project meetings and reviews.

Data Analyst as Instrumentation & Control Systems Engineer

Jun 2005 – Mar 2009

Thornhill Group, Minsk, Belarus

Major work performed for small scale industrial and commercial sites. Major responsibilities included:

- Collected client requirements, analyzed existing systems data and provided initial input for client proposal.
- Designed full sets of working drawings for construction (Fire, Access Control and CCTV safety systems). Verified and collected inputs from site to finalize the above drawings.
- Created wiring diagrams, cable schedule, instrument location plans, panel and control room layout drawings for construction.
- Analyzed technical documents and reports, prepared bill of materials.
- Performed all necessary calculations including calculation of voltage reduction, wire cross section, battery capacity size.
- Coordinated with designers and engineers from other disciplines.

PROFESSIONAL DESIGNATIONS

Professional Engineer (P. Eng.)

Mar 2016 – Present

Association of Professional Engineers and Geoscientists of Alberta

EDUCATION

Software Development Certificate of Achievement

Jan 2021 – Present

Southern Alberta Institute of Technology / SAIT

Python Programming Certificate of Achievement

Mar 2019 – Jun 2019

Southern Alberta Institute of Technology / SAIT

Certificate of Advanced Training

PELCO Certified System Designer – PCSD

PGTI (PELCO Global Training Institute), Eindhoven, Netherlands

Bachelor of Science in Electrical Engineering

Belarusian National Technical University, Minsk, Belarus

Aug 2008

Sept 2000 – Jun 2005

ONLINE COURSES

React.js Essential Training Certificate – LinkedIn Learning, 2020

Node.js Essential Training Certificate – LinkedIn Learning, 2020

JavaScript Essential Training Certificate – LinkedIn Learning, 2020

WordPress5 Essential Training Certificate – LinkedIn Learning, 2020

CSS Essential Training Certificate – LinkedIn Learning, 2020

Test Automation Foundations Certificate – LinkedIn Learning, 2020

Cisco CCNA Preparation Certificate – LinkedIn Learning, 2020

Java 8 Essential Training Certificate – LinkedIn Learning, 2020