

SHANE GUIGNARD

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Gain industry experience working with great people who develop, high quality web applications using industry leading best practices, and the latest technologies available.

SKILLS

- 5 Years Website development experience.
- HTML, CSS, and JavaScript Development Experience
- Co-Founder Startup Experience as a Co-Founder
- Excellent Organizational Skills
- PHP, and MySQL Development Experience
- GitHub Experience for Revision Control
- 4 Years of Technical Support Experience
- Proficient and Professional Communication Skill

EDUCATION

APRIL 2020

HONOURS B.A. INFORMATION TECHNOLOGY, YORK UNIVERSITY

- Developed a foundational understanding programming language types and structures with a focus on technologies such HTML, JavaScript, PHP, MySQL, and Java, coupled with database mining analysis using MATLAB and Python.
- Specialization in the development of systems that manage information flow by familiarizing myself with every step from Query Languages (SQL), server-side scripting (PHP), to website interface.
- Completed effective writing and research class for academics, which results in professional and thorough written and verbal communication skills when discussing complex topics.
- Current GPA 7.0 (of 9) Unofficial transcript attached.

AUGUST 2011

ADVANCED DIPLOMA ELECTRICAL ENGINEERING TECHNOLOGIES, GEORGIAN COLLEGE

- Lead a team of peers to build an integrated electrical control system for a small robotics manufacturing line which required coordinating with other teams who were working on other sections of the machine.
- Developed a strong understanding of electronic sensors, PLC programming, and robotics through hands-on experience in the college and through.

RELEVANT WORK EXPERIENCE

2018 – 2019

WEB DEVELOPER, APOTHECARY GROVE

- Contracted to develop a website for a local artist and apothecary to showcase her work and advertise her business.
- Worked with the client to develop a lifecycle that we both agreed on and met their needs. By committing to this routine, we were able to complete the project before the estimated due date.

2017 – PRESENT

CO-FOUNDER, LYOFRESH TECHNOLOGIES INC.

- Co-Developed a Lyophilization Technology which reduced the processing time by more than 50%. We received \$15,000 for 2nd place at World Vision 2018, 1st Place at Schulich Startup Night 2018, and was top 6 in North America for HULT Prize 2018 to support and help develop our idea.
- Co-Designed and developed the electrical systems to interface to a Raspberry Pi, which would communicate with a remote database to store, clean, and format sensor data, and system preferences/ settings.

2011 – 2016

INSIDE TECHNICAL SALES SUPPORT, BALLUFF CANADA INC.

- Learned how to prioritize high stress situations when mission critical applications had failed. Working with my team, we were always able to find a resolution as fast as possible and ensure customer satisfaction.
- Gained valuable experience communicating (verbal and written) with customers every day to help troubleshoot day-to-day customer challenges or suggest solutions to application ideas.
- Collaborated with colleagues all over the world and worked on the teams that contributed to defining the new company processes, and reliable quality control processes, to reduce returns turn-around time from 2 months to 3 weeks. Because of this, I was very involved in the implementation of ISO 9001:2008 within the Balluff Canada subsidiary.

ADDITIONAL EXPERIENCE

DYNAMIC WEBSITE LOGIN [Class Project: 2019]

- Currently developing an application for my web-technologies class that will use web-forms and nested PHP logic to implement a Two-Factor Authentication login.
- Experience implementing HTML, CSS, JavaScript, PHP, and MySQL in the request, process, response life cycle of a web-application.

UNIVERSITY OF TORONTO WOOD DATABASE COLLECTION [Volunteer: 2017 - Present]

- Volunteered to assist a University of Toronto Forestry Graduate with a project to digitize a collection of wood gathered by University of Toronto professors and students over the last 100 years.
- Recorded more than 1000 entries that were populated into an excel file by other volunteers.
- Developed an application to parse, clean, process, and format the excel data with Python and export it.
- Wrote JavaScript with some Ajax to access the JSON file and build a drop-down navigation pane to narrow the search down to specific search results.

CREEMORE SUNDAY NIGHT HOCKEY LEAGUE [Volunteer: 2012- Present]

- Developed a custom responsive website to manage and organize game schedule, player and team statistics, season history, and registration.
- Managed website by hosting it on an Ubuntu instance managed by AWS's LightSail with Apache and MySQL installed.
- Experience implementing HTML, CSS, JavaScript, PHP, MySQL and Google Analytics.