

KYLE LANE

SYSTEMS DESIGN ENGINEERING

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SUMMARY OF QUALIFICATIONS

- A quick and eager learner able to apply self-taught HTML, CSS, Javascript, PHP, and MySQL knowledge to propose and develop a web app to help First Nation Communities
- Strong web-development abilities through designing and developing clean and responsive websites including EAUTH.ca and kylelane.me
- Highly developed communication, collaboration, and leadership capabilities developed through years of mentoring staff and leading sports teams

PROJECTS & TEAMS

EAUTH API | EAUTH.ca

- Designed and developed product website using HTML, CSS, and Javascript to display features and attract new users

Sailbot Design Team

- Learning Python and Arduino C to improve autonomous navigation and implement computer vision systems

WORK EXPERIENCE

Engineering Assistant | R.J. Burnside

Orangeville, Ontario | 05/2017 - 09/2017

- Proposed the development of a web app after talking to system operators and noticing disorganization and a lack of productivity in First Nations
- Designed and developed the proposed app which included task tracking, a user management system, and Google Calendar integration - it is being considered for use across Canada (HTML, CSS, PHP, JS, and MySQL)
- Implemented Excel VBA scripts to automate repetitive daily and monthly tasks saving employees over 3 hours per week
- Coordinated projects and created technical documents for clients

Regional Trainer | Pedalheads

Ontario and British Columbia | 02/2016 - 06/2016

- Trained 157 new instructors and managers at 21 Pedalheads locations across Ontario and British Columbia (Selected from 250 instructors)
- Instilled responsibility, professional communication, and technical abilities in staff by utilizing previous supervisory and teaching experiences

HP Enterprise Acceleration Summit | Kaleidoscope Marketing

Toronto, Ontario | 03/2015

- Managed and facilitated a Microsoft booth to promote Microsoft content to Hewlett Packard executives (Contracted by Kaleidoscope Marketing)

SKILLS

Languages

HTML • CSS • Javascript • C++
PHP • SQL • Excel VBA • MATLAB

Design

Illustrator • Photoshop
Solidworks • InDesign
User Centered Design

INTERESTS

Hockey

Competitive AAA | 2005-2015
Captain | 2011-2015

Sports Analytics

Researching statistics that organizations use to gain competitive advantages

Mountain Biking

Organizing weekly rides and challenges

EDUCATION

Systems Design Engineering

University of Waterloo

BASc Candidate | 09/2017 - Present

ADDITIONAL WORK

Site Supervisor | Pedalheads | 2016

Pet Care Specialist | Petsmart | 2016

Bike Instructor | Pedalheads | 2015

Golf Camp Instructor | Uplands | 2014

Program Leader | CCoRH | 2010 - 2014