INFO

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SOCIAL

GITHUB
DANLAFRENIERE

FACEBOOK
DAN.LAFRENIERE.56

LINKEDIN
LAFRENIEREDANIEL

LANGUAGES AND TECH

JAVASCRIPT

HTML5

CSS3

MONGODB

ANGULAR.JS

JAVA

NODE.JS

REFERENCES

AVAILABLE UPON REQUEST

DAN LAFRENIERE
SOFTWARE DEVELOPER

👥 WORK EXPERIENCE

Fall 2015 - Spring 2016

FREELANCER
Kingston, ON

Continued relations with various Queen's faculties from the summer in order to maintain and configure their websites.

Aided in the launch of several new websites and provided ongoing support and training to staff and volunteers.

Regularly held meetings with clients to discuss project progress and ensure product quality.

Summer 2015

WEB DEVELOPER : IT Client Services
Queen's University : Kingston, ON

Performed website development and design using Queen's Webpublish (Drupal), HTML5, CSS3, and Photoshop CS5.

Provided quality assurance, met Queen's identity restrictions, and ensured accessibility standards were upheld throughout the development process.

Spring 2012 - Fall 2014

RESEARCH COORDINATOR : Clinical Neuropsychology
Alberta Hospital Edmonton : Edmonton, AB

Fully programmed an extensive cognitive assessment tool consisting of questionnaires and visual tests used for diagnosing patients.

Processed and analyzed MRI images retrieved from patients suffering from first-episode psychosis using a Linux-based cortical thickness analysis tool called FreeSurfer.

Performed data-analysis, patient assessment, research collaboration, and data acquisition to aid in the progression of neuropsychological research for the Edmonton Early Psychosis Intervention Clinic (EEPIC).

☕ EDUCATION

Graduated 2016

QUEEN'S UNIVERSITY : Kingston, ON
BSc. in Computer Science (Honours in Cognitive Science) with Distinction
Cumulative GPA: 4.1 (4.3 Scale)

Graduated 2011

UNIVERSITY OF ALBERTA : Edmonton, AB
BA in Psychology (Cooperative Education Program) with Distinction
Cumulative GPA: 3.7 (4.0 Scale)

</> PROJECTS

IN PROGRESS

TEAM WHIPPER
Javascript, MongoDB, Express, Angular.JS, Node.JS, HTML, CSS
A web application designed for University students that allows groups to schedule tasks, organize meetings, track project progress, etc.

IN PROGRESS

STAR TRACKER WITH ANDROID REMOTE
Android Studio, Java, Arduino
Automated barndoor star tracker with accompanying remote control (Android app).

2016

NEURAL NETWORK - HYPERTENSION
Java, Microsoft SQL Server, Microsoft Azure, Matlab
A backpropagation neural network designed to categorize hypertensive patients from a very large clinical dataset.

2016

TECH SUPPORT
Android Studio, Java, Justinmind Prototyper
An android application designed for the tech-illiterate. Contains a wealth of step-by-step fixes for common tech problems.