Daniel LaFreniere

4-89 Durham St., Kingston, ON K7L1J3 • 780.996.7700 • lafreniere.dj@gmail.com

Profile

Programmer, designer, and researcher. I'm a second-degree student currently enrolled in my final year of computing at Queen's University. I'm excited to be a part of the Queen's community in Kingston while honing my programming skills and pursuing my passion for neural networks, web-development, computing, and technology.

Education

Queen's University, Kingston, ON
BSc. in Computer Science (Second-Degree), Expected 2016

University of Alberta, Edmonton, AB
BA in Psychology (Cooperative Education Program) with Distinction, Graduated 2011

Skills

Programming Languages
Java; PHP; C; C++; Python; HTML; CSS; Javascript; .NET; Matlab;

Highlighted Coursework
CISC 452: Neural and Genetic Computing
CISC 325: Human-Computer Interaction
CISC 282: Fundamentals of Web and Mobile Applications
CISC 365: Algorithms I (Audit)

Applications
Drupal; Adobe Photoshop CC; Adobe Illustrator CC; Visual Studio; Freesurfer; SPSS; Excel

Work Experience

September 2015 - Present
Freelance, Kingston, ON
Web Developer
- Continued relations with various Queen's faculties from the summer in order to further maintain and configure their websites.
- Aided in the launch of several new websites and provided ongoing support to staff and volunteers in order to ensure the future success of their sites.
- Successfully obtained various new contracts based on previous work accomplished.

May 2015 - August 2015
IT Client Services & Web Development, Queen's University, Kingston, ON
Web Developer
- Performed website development and design using the Queen's Webpublish (Drupal) content management system and Photoshop CS5.
- Frequently coordinated with various clients in order to meet their needs while maintaining Queen's identity standards.
- Provided quality assurance and ensured accessibility standards were upheld throughout the development process.

September 2013 - December 2014
Alberta Hospital Edmonton, Edmonton, AB
Part-Time Research Assistant
- Programmed cognitive assessment tools with VB.NET and upgraded old systems that used deprecated software.
- Processed and analyzed MRI images retrieved from patients suffering from first-episode psychosis using a Linux-based cortical thickness analysis tool called FreeSurfer.
- Worked remotely from Kingston to collaborate with multidisciplinary teams from both Edmonton and Halifax in order to aid in research efforts.

May 2012 - August 2013
Alberta Hospital Edmonton, Edmonton, AB
Research Coordinator

- Coordinated a research project aimed at the identification of abnormal genetic markers for schizophrenia via analysis of MRI images.
- Administered a range of neuropsychological assessment tests to patients suffering from severe mental illness.
- Performed data-analysis, patient assessment, research collaboration, and data acquisition to aid in the progression of neuropsychological research with the Edmonton Early Psychosis Intervention Clinic (EEPIC).

Volunteer Activities

2013-Present
Kingston Community Chaplaincy (KCC), Web-Administrator

2012-Present
Edmonton Early Psychosis Intervention Clinic, Research Assistant

Published Abstracts

May 2012 - August 2013
Alberta Hospital Edmonton, Edmonton, AB
Research Coordinator

- Ayotte, B., Colman, I., LaFreniere, D., Robertson, R., Wild, C., Wolfe, J., & Purdon, S. E. *Psychological and medical prenatal events with dissociable effects on psychological health in late adolescence.* Canadian Psychological Association annual meeting. Canadian Psychology, 2012, 53 (2a), 128.
- Marcinkevics, D., Beierbach, A., Colman, I., LaFreniere, D., Wild, C., Wolfe, J., & Purdon, S. E. *Childhood life events increase risk of psychosis.* Canadian Psychological Association annual meeting. Canadian Psychology, 2012, 53 (2a), 235.
- LaFreniere, D. J., & Purdon, S. E. (2010). *Cognitive impairment in three subtypes of multiple sclerosis: A meta-analysis.* Canadian Psychological Association annual meeting. Canadian Psychology, 2010, 51 (2a), 8.

References

Available upon request