

BRYAN MELANSON

bryanm@mun.ca ♦ <http://bnuh.github.io> ♦ 709 749-1273

PROFILE

Strong background in project leadership and innovative problem solving partnered with a unique skill set in the creative arts, currently engaged in Memorial University of Newfoundland's Computer Engineering curriculum. Volunteer experience programming autonomous sailboats as part of the *MUN SailBot* team and mentoring sound crews on firsttime filmmaker projects. Accomplished business owner and sound designer with years of experience producing and designing multimedia for clients such as *Disney*, *Fremantle*, *Collegehumor*, *ABC* and *NHL*. Self produced albums and video art projects featured in national art galleries, as well as lectures on digital production techniques, interactive sound design and digital copyright

PROFESSIONAL EXPERIENCE

Support Engineer
Nokia Inc.
Sep 2016 - Jan 2017

- Debugged complex product installations on CentOS/Solaris/RHEL systems, resolving complicated network problems using Open Stack, and VMWare
- Scripting at a Unix/Linux level in bash and Python

Software Developer
Nalcor Energy
Dec 2015 - May 2016

- Developed interactive heat map application for analyzing prices and visualizing New York energy market using MATLAB, and SQL
- Scripted the mapping of all major external energy markets using R

Production Coordinator
Ludia Inc.
Apr 2010 - Aug 2011

- Managed in-house and outsourced content production branch of video, sound, image and transcription teams for "The Price Is Right - Facebook"
- "TPIR Facebook" received 1,000,000 unique users its 1st week

EXPERTISE

Scripting
Data Analysis
Agile Methodologies
Software Design
Geographic Image Systems
Web Development
Machine Vision

EDUCATION

2015 - 2020

Bachelor of Engineering, Computer Engineering Major
Memorial University of Newfoundland

2015 - 2016

Certificate in Data Science
John Hopkins University, Baltimore MD
Online Course

SKILLS

Linux/Unix
Matlab, R, SQL
Java, Javascript
Python, C++, Bash
Django, REST
VMWare, OpenStack

REFERENCES

Marc Charlebois
Supervisor, Nokia Inc.
mcharleb@nokia.com

Jeffrey Dawson
Co-President, MUN Sailbot
jpd546@mun.ca

AFFILIATIONS

IEEE
Member
2015 - Present

MUN Sailbot
Lead Programmer
2015-2017