

Jacob W.F. House

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Education

B.Sc. in Computer Science, Memorial University **2016–Present**
Term 6 academic average of 85% (3.81 GPA). Completed a minor in Mathematics with a focus on Pure Mathematics.

International Baccalaureate Diploma Programme Certificates **2016**
Certificates in Higher Level Biology, Chemistry, European History, and in Standard Level Mathematics with grades of 5, 5, 5, and 6, respectively. These marks are out of 7.

Newfoundland & Labrador High School Diploma, Honours **2016**
Weighted overall average: 88%

Skills

Server Administration & Computer Programming

Very experienced with app deployment in both Windows- and Linux-based GUI and CLI server environments, with an interest in automation of such tasks using technologies such as Docker. Fluent in Python 3, C++, and JavaScript. Some experience with Windows PowerShell, PHP and Java.

LaTeX Typesetting

Professional typesetting of documentation, textbooks, and academic course notes and development of LaTeX style files and classes for the MUN Computer Science Society.

Photography & Graphic Design

Moderate experience with DSLR camera photography, digital image processing, and poster, business card and stationary design.

Employment

Software Developer, The Commons @ MUN **January 2019–Present**
I am creating a web-based mobile printing system to integrate with existing LabNet services using Adobe Acrobat's Preflight print production toolset.

Marketing Assistant, The Commons @ MUN **June 2018–December 2018**
At The Commons, my marketing responsibilities include creation of marketing material for social media and print, as well as internal documentation.

Sales Associate, Old Navy **June 2015–September 2016**
Responsibilities included positions such as cashier, shipment team, sales-floor, and fitting rooms. Here I was known as an extremely hard-working employee whose quality of work could always be counted on in fast-paced situations, such as being made head cashier in the evening on Black Friday.

Other Work Experience

Full Stack Developer & Technical Producer, VOWR **June 2018–Present**

I volunteer at the Voice of Wesley Radio Station designing and developing a web-based music inventory system using Python and MySQL in Docker to replace an aging infrastructure. I also help record *Guest Interview* each week.

IT & Security Consultant, MUN **January 2017–August 2018**

Assisted patching security vulnerabilities and automated deployment of Windows computer-images using Memorial University's in-house LabNet image management system.

High School Newspaper **2014 to 2015**

Department Head of Design and Formatting (2014-2015), Co-Director (2015)

Awards

MUN Faculty of Science Dean's List **2016 – 2017 Academic Year**

An award presented to students who have demonstrated exceptional academic performance by ranking in the top ten per cent of undergraduate science students.

Newfoundland Regional Science Fair, Bronze Medalist **2015**

A statistical analysis of training techniques used in competitive swimming, entitled *Is Tapering Effective?*