

Jacob W.F. House

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Education

B.Sc. in Computer Science, Memorial University **2016–Present**

Term 7 academic average of 85% (3.8 GPA). Completed a minor in Mathematics with a focus on Pure Mathematics and CS electives in operating systems, cryptography, and security.

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%

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 I created both print and digital branding material such as posters and Instagram ads. I also updated internal documentation including brand standards and employee profiles.

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.

Volunteering

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 used to help record *Guest Interview* each week when school was not in session.

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)

Skills

Computer Programming

Fluent in Python, C, JavaScript, and shell scripting. Some experience with C++, Java, and Windows PowerShell.

Server Administration

Very experienced with app deployment in both Windows-, Linux, and BSD-based GUI and CLI server environments, with an interest in automation of such tasks using technologies such as Docker.

L^AT_EX Typesetting

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

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?*