

# Jacob W.F. House

✉ me@jwfh.ca    ☎ (941) 726-0872    💻 jwfh.ca    🏠 St. John's, NL

## 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<sup>A</sup>T<sub>E</sub>X Typesetting

Professional typesetting of documentation, textbooks, and academic course notes and development of L<sup>A</sup>T<sub>E</sub>X style files and classes for various purposes.

## 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?*