



JACOB HOUSE

COMPUTER SCIENCE STUDENT

I'm a software developer from St. John's, Newfoundland, Canada. Currently in the final semester of a computer science degree, my interests are primarily in areas such as security, automation, and operating systems. In my spare time I practice photography and graphic design.

EDUCATION

B.Sc. in Computer Science, Memorial University

2016–Present

- Term 7 academic average of 85% (3.8 GPA)
- Minor in mathematics with focus on pure math (number theory and analysis)
- Senior courses specialized in security, operating systems, and cryptography

International Baccalaureate Diploma Programme Certificates

2016

- Certificates in Biology, Chemistry, European History, and Math
- Grades of 5, 5, 5, and 6, respectively (out of 7)

Newfoundland & Labrador High School Diploma, Honours

2016

- Overall average of 88%

EMPLOYMENT

Software Developer, The Commons, Memorial University

January 2019–Present

- Creating a web-based mobile printing system
- Using Python and Adobe Acrobat's Preflight

Marketing Assistant, The Commons, Memorial University

June 2018–December 2018

- Created print and digital marketing material (posters and Instagram ads)
- Updated internal brand standards and employee profiles

Sales Associate, Old Navy

June 2015–September 2016

- Worked positions including cashier, shipment team, sales floor, fitting rooms
- Known to produce quality work and be very hard-working (e.g., made head cashier on Black Friday)

VOLUNTEERING

Full Stack Developer & Technical Producer, VOWR Radio Station

June 2018–Present

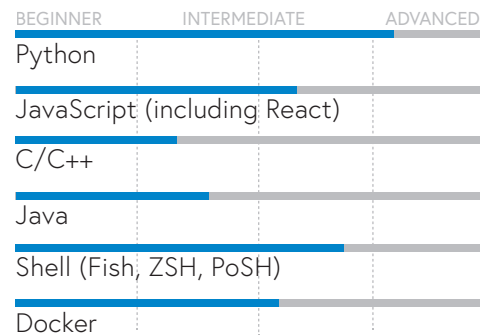
- Designing and developing a music inventory system (Python, SQL, Docker, BSD)
- Used to record *Guest Interview* each week when school not in session

IT & Security Consultant, Memorial University CS Department

January 2017–August 2018

- Found and patched vulnerabilities in LabNet Windows authentication
- Assisted with automated deployment of Windows images using LabNet with SysPrep and WDS (Windows Server)

SKILLS



INTERESTS

OPERATING SYSTEMS SECURITY
PHOTOGRAPHY AUTOMATION
FULL STACK GRAPHIC DESIGN
CRYPTOGRAPHY TYPESETTING
OBJECT-ORIENTED PROGRAMMING

AWARDS


Faculty of Science Dean's List

2016–2017 Academic Year

NL Regional Science Fair, Bronze Medalist

2016–2017 Academic Year

CONTACT

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 <https://jwfh.ca>

 <https://github.com/jwfh>

 <https://go.jwfh.ca/Wm7mQ>

 <https://go.jwfh.ca/jgUfE>

 St. John's, Nfld.