Programmes d'enseignement
coopératif

Pavillon Desmarais
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uOttawa

Co-operative education
programs

Desmarais Building
55 Laurier Avenue East, 3rd floor
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Tel. no.:(613)562-5741
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Curriculum vitae

Resumé

Last Update: December 9, 2020

PERSONAL DATA

Jake Bisson
1087 St.emmanuel Terrace
Ottawa (Ontario)
K1C 2J6

Language of correspondence	Citizenship
ENGLISH	**Canadian**
Employment Equity	Security clearance
	Yes

ACADEMIC DATA

Program of studies	**Bachelor of Applied Science** **Software Engineering (Co-op)**
Year Level	**3**
Cumulative grade point average	**8.95**

letter equivalent of university of ottawa cumulative grade point average

10=A+	9=A	8=A-	7=B+	6=B
5=C+	4=C	3=D+	2=D	1=E

0=F

Work term information

Term	Employer	Overall evaluation
1. 2019, Summer	**National Research Council Canada (NRC)**	**Exceptional**
2. 2020, Winter	**National Research Council Canada (NRC)**	**Exceptional**
3. 2020, Fall	**National Research Council Canada (NRC)**	**Exceptional**
4. 2021, Summer		
5. 2022, Summer		

* a blank field in the - overall evaluation - column means that the evaluation has not yet been submitted by the employer

Jake Bisson

LANGUAGES

Language Name	Speaking Level	Writing Level	Comprehension Level
English	Fluent	Fluent	Fluent
French	Intermediate	Intermediate	Intermediate

EDUCATION

September 2018 - January 2023	**Bachelor of Applied Science in Software Engineering (CO-OP)**
	University of Ottawa, Ottawa, ON

- Current CGPA: 8.95
- Dean's Honor List award recipient.

September 2014 - June 2018	**Ontario Secondary School Diploma**
	Cairine Wilson Secondary School, Ottawa, ON

- Awarded Ontario Silver Medal Award and Ontario Scholar award with an average of 90% in grade 12.
- Honour role recipient for grades 9, 10, 11, and 12.
- Participated in 2 Ontario Federation of School Athletic Association (OFSAA) championships for nordic skiing.

SKILLS

Technical Skills

Web Development
HTML, CSS, Bootstrap, TailwindCSS, MaterializeCSS, JavaScript, JQuery, React, Gatsby, Create-React-App, NodeJS, ExpressJS, PHP, SQL, NoSQL, Oracle Database, MongoDB, Firebase, Apache, IIS

Programming and Scripting
Java, Python, PowerShell, MS-DOS

Version Control and Deployment
Git, Github, Github Pages, Netlify

Operating Systems
Windows, MacOS, Linux (Ubuntu)

Software
VSCode, Insomnia, Office 365, Zoom, WinSCP

WORK EXPERIENCE

January 2020 - December 2020	**Information Technology Analyst**
	National Research Council Canada

- Developed the Construction Publication System, a web application that simplifies and manages the research publication process.
- Designed and developed Construction IT's network pipeline an automated system that transfers files between NRC's networks via a SFTP client to create new opportunities for file transfer solutions.
- Developed scripts for the production and marketing team to upload data from data files into their production database.
- Developed automated password expiry scripts to notify Construction employees when their network password is expiring.
- Configured Construction web servers to enable HTTPS connections to servers so they were in compliance with a Government of Canada security bulletin.

May 2019 - August 2019	**Information Technology Analyst**
	National Research Council Canada (NRC)

- Deployed Construction IT's web application infrastructure to host Construction IT's web applications.
- Devceloped the CONST-IT Portal, a web application that allows users to make requests and automatically actions them once requests have been approved by elevated users.
- Developed automated scripts to perform full and incremental backups for a client's shared network drive.
- Aquired technical skills in HTML, CSS, Javascript, PHP, SQL, Oracle DB, PowerShell, and Apache.

September 2016 - Present	**Hockey Canada level 3 Referee**
	Hockey Eastern Ontario

- Selected to referee as a HEO Central official and HEO Senior Body Official working levels up to Midget AAA (U18).
- Applied strong communication skills when communicating with fellow referees, coaches and players.
- Developed exceptional adaptability skills from fast-changing game situations.
- Demonstrated a respectful and formal attitude while interacting with coaches and players.

OTHER INFORMATION

Projects

Prophecy
- Designed and developed a PHP framework to simplify how developers connect and query an Oracle Database using PHP.
- Leveraged skills in PHP, SQL and Oracle DB.

Personal Website
- Developed and deployed a personal website to help me in securing a co-op position.
- Leveraged skills in React, TailwindCSS, Gatsby, and Netlify.
- Website link:https://jakebisson.netlify.app/

UI Analysis and Design Portfolio
- Designed and developed an online portfolio to showcase projects and activities for SEG3125 UI Design and Analysis.
- Leverages knowledge in HTML, MaterializeCSS, and JQuery.

REFERENCES

Patrick Brunette
Senior IT Specialist
National Research Council Canada
(613) 993-9757
Patrick.Brunette@nrc-cnrc.gc.ca

Sean Tobin
HEO Minor Referee in Chief
Hockey Eastern Ontario
(613) 266-7728
ottawaref99@gmail.com

Dave Stephenson
VP of Development
Apptastic
(613)-850-7066
dave@apptastic.com

Jake Bisson

Courses

Code	Title	Term	Grade	Units
		2018, Fall		
ENG1112	TECHNICAL REPORT WRITING		B+	3.00
ITI1120	INTRODUCTION TO COMPUTING I		A-	3.00
MAT1320	CALCULUS I		A	3.00
PHY1321	PRINCIPLES OF PHYSICS I		B	3.00
SEG2900	PROF.COMM.RESP		A+	3.00
CGPA	8			
		2019, Winter		
ITI1100	DIGITAL SYSTEMS I		A+	3.00
ITI1121	INTRODUCTION TO COMPUTING II		A+	3.00
MAT1322	CALCULUS II		A	3.00
MAT1348	DISCRETE MATH FOR COMPUTING		A+	3.00
PHY1322	PRINCIPLES OF PHYSICS II		B+	3.00
CGPA	8.6			
		2019, Summer		
SEG2901	WORK TERM I		P	3.00
CGPA	8.6			
		2019, Fall		
CEG2136	COMPUTER ARCHITECTURE I		A	3.00
CHM1311	PRINCIPLES OF CHEMISTRY		B+	3.00
CSI2110	DATA STRUCTURES AND ALGORITHMS		A	3.00
ECO1192	ENGINEERING ECONOMICS		A	3.00
SEG2105	INTRO TO SOFTWARE ENGINEERING		A	3.00
CGPA	8.6			
		2020, Winter		
SEG3901	WORK TERM II		P	3.00
CGPA	8.6			
		2020, Summer		
CSI3131	OPERATING SYSTEMS		A+	3.00
GNG1105	ENGINEERING MECHANICS		A+	3.00
MAT1341	INTRO. TO LINEAR ALGEBRA		A+	3.00
SEG3103	SOFTWARE QUALITY ASSURANCE		A+	3.00
SEG3125	ANAL. & DESIGN USER INTERFACES		A+	3.00
CGPA	8.95			
		2020, Fall		
SEG3902	WORK TERM III			3.00
CGPA	8.95			

CGPA   8.95

2021, Winter

CSI2101	DISCRETE STRUCTURES	3.00
CSI2132	DATABASES I	3.00
MAT2377	PROB. & STATS. FOR ENGINEERS	3.00
SEG2106	SOFTWARE CONSTRUCTION	3.00
SEG2911	SOFTWARE ENGINEERING	3.00
CGPA	8.95	

------- End of course list -------

Legend

Grades

10=A+	9=A	8=A-	7=B+	6=B	5=C+	4=C	3=D+	2=D	1=E	0=F

Symbols

()= Credits not granted	*= Excluded from average	ABS= Absence
ADD= Additional to requirements	AUD= Auditrice/auditor	CR= Credit
CTN= Continuing	DFR= deferred	DNW= See: ABS
DR= Dropped	H= Honours	HP= Out-of-program
EIN= Failure/Incomplete	NC= No credit	NNR= Not available
NS= Unsatisfactory	P= Pass	S= Satisfactory
SCO= Insufficient credits		