Joseph Perks

Peterborough, ON
613-518-3068
Email   joe@joeperks.dev
Website   joeperks.dev
GitHub   github.com/joepro25
LinkedIn   www.linkedin.com/in/joe-perks/

Skills

Languages	Technologies	Software	Personal Skills
• C#.NET • Java • C/C++ • SQL • JavaScript • HTML5 • CSS • COBOL	• ASP.NET • RESTful APIs • QNX • Arduino • jQuery and AJAX • Microsoft SQL Server • Git and GitHub	• Visual Studio • Visual Studio Code • VMware and VirtualBox • Microsoft Office • Proficiency with Windows and Unix/Linux based systems	• Communicative • Team player • Organized • Manages time well • Languages including English (fluent) and French (intermediate)

Education

Algonquin College, Ottawa, ON

Computer Engineering Technology – Computing Science   **Sep 2017 – Present**
- Cumulative GPA of 3.89/4.00

Work Experience

Babcock Canada, Ottawa, ON

Junior Applications Developer Co-op   **Jan 2020 – Apr 2020**
Software Engineer Co-op   **Jan 2021 – Apr 2021**
- Developed a full stack web application using ASP.NET/C#, and a database in Microsoft SQL Server
- Used Entity Framework to transfer data between the web app and the database
- Used JavaScript and jQuery to manipulate web pages, and process information asynchronously
- Attended meetings with business analysts to determine requirements for the web app
- Identified and troubleshot problems in the application, and determined ways to fix them
- Collaborated with another developer on the project, and worked with project managers

Academic Projects

- **FixIt:** Final year project. Worked as a group to create a web application in ASP.NET where city admin could review reports of infrastructure issues, which have been submitted by residents through a mobile app. City admin can review reports, which display a picture of the issue, along with the location of the issue on a map, along with other details and choose whether to approve or deny fixing the issue
- Created an Othello game (type of Reversi) in Java and JavaFX, which allowed players to take turns placing their chips on the board, to take the other player's chips. The game contained logic to know valid and invalid moves, and give turn by turn feedback to the players
- Designed a Simon game (pattern memory game) in C++, using the Nana library for the GUI
- Designed and built a banking simulator that managed customer information, created accounts, and handled account transactions in Java, and using JavaFX for GUI

References available upon request

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Unofficial Transcript

Term: 2018F

Courses	Sect.	Title	Hrs	Grade	Grade Points
^CST8101	330	Computer Essentials	60.0	A+	240.0
^CST8110	330	Intro to Computer Programming	75.0	A+	300.0
^CST8215	330	Database	75.0	A-	270.0
^CST8300	307	Achieving Success in Changing Envir	45.0	A+	180.0
^ENL1813T	030	Communications I	45.0	A+	180.0
^MAT8001C	065	Tech Math for Computer Science	60.0	A+	240.0

Term G.P.A.: 3.92

Category: Advanced Standing

AL: AAL 02 Start Date: 07-jan-2019 End Date: 27-apr-2019

Term: 2019W

Courses	Sect.	Title	Hrs	Grade	Grade Points
^CST8102	300	Operating Systems Fund (GNU/Linux)	75.0	A	285.0
^CST8108	010	Network Programming Basics	75.0	A-	270.0
^CST8132	300	Object-Oriented Programming	75.0	A-	270.0
^MAT8201	040	Calculus 1	45.0	A+	180.0
^MVM8800	350	Impact of the Car on N.A. Culture	45.0	A	171.0

Term G.P.A.: 3.73

AL: AAL 03 Start Date: 03-sep-2019 End Date: 14-dec-2019

Term: 2019F

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Courses Points	Sect.	Title	Hrs	Grade	Grade
^CST8130	310	Data Structures	70.0	A−	252.0
^CST8216	310	Processor Architecture	70.0	A+	280.0
^CST8234	020	C Language	70.0	A	266.0
^CST8238	351	Web Programming	70.0	A	266.0
^ENL2019T	301	Technical Comm. for Eng. Technology	42.0	A+	168.0

Term G.P.A.: 3.83

Term: 2020F

Courses Points	Sect.	Title	Hrs	Grade	Grade
^CST8152	010	Compilers	70.0	A+	280.0
^CST8219	300	C++ Programming	70.0	A+	280.0
^CST8221	300	Java Application Programming	70.0	A+	280.0
^CST8233	300	Numerical Computing	70.0	A+	280.0
^ENV5004	350	Waste−Free Ontario	42.0	A	159.6

Term G.P.A.: 3.97

Term: 2021S

Courses Points	Sect.	Title	Hrs	Grade	Grade
^CST8218	300	Web Enterprise Applications	70.0	A+	280.0
^CST8227	300	Interfacing	70.0	A+	280.0
^CST8355	010	Software Design and Testing	28.0	A+	112.0
^CST8359	300	.NET Enterprise Appl. Dev.	70.0	A+	280.0
^ENG4001	040	Project I	28.0	A+	112.0
^ENL4001	020	Technology Report Preparation	14.0	P	0.0

Term G.P.A.: 4.00

Cumulative G.P.A.: 3.89