Stephen H. Johnson

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EDUCATION

Bachelor of Computer Science, Co-op Option   **September 2017 – Expected April 2022**
Carleton University, Ottawa, ON

- 2nd Year Undergraduate, CGPA 10.27/12.00 (A-)
- 2017-2018 Dean's Honour List, Carleton Academic Scholarship 2017-2019
- Minor in Physics

AVAILABILITY

Available for 4 or 8 months beginning May 2019

RELEVANT SKILLS, EXPERIENCES, AND ACCOMPLISHMENTS

Technical Skills

- Proficient using C++, C, Makefiles, Java, JavaScript, PHP, MySQL, HTML, Python, CSS, and Swift
- Understanding of software development in several operating systems including; Ubuntu, Mint, MacOS, Windows, and IOS, gained from a wide range of projects
- Debugged large amounts of code to create working programs for large projects and peer home projects by creating a tester for common bugs and adding test code to find problem sources
- Collaborated on a group project remotely using Git, GitHub, proper documentation, and communication to create an efficient creation process

Communication Skills

- Collaborated in a group environment to resolve miscommunication problems bringing a stalled project back on track to be finished by the deadline
- Generated detailed records of work completed and timelines to keep senior management informed of past, present, and future development of products
- Tutored peers in programming techniques not yet learned, to aid in future projects, by creating examples as well as defining each step and process for simplistic recreation

WORK EXPERIENCE

Part-Time Meat Clerk   **June 2018 – January 2019**
Loblaws Inc, Ottawa, ON

- Redesigned the workspace using spatial awareness, creating a more organized and simplistic design to allow for an increase in efficiency and a 50% increase in operational efficiency
- Trained employees with the skills and knowledge required to be able to complete the job with ease and proficiency

- Collaborated with senior management to take inventory using mathematical and appropriate communication strategies creating a 70% efficiency increase

Research Assistant   **June 2015 – August 2018**
Prof. Hansell, Milton, ON
- Recorded daily discoveries and theories concisely and understandably to allow for future reference in discussions and the final paper
- Discussed ideas to create an environment for advanced idea growth and development while expanding knowledge in new areas
- Graphed data collected and borrowed clearly to provide a path for the scientific community to understand what information was entered and extracted

APPLIED PROJECTS
Sole Developer   **August 2018 – November 2018**
Web Application for Actor Applications
- Created a database application using SQL that receives and stores information on every user displayed to all clients based on queried parameters
- Designed the framework to maintain reusability of code to allow for the application to be repurposed for other projects with easy compatibility
- Prepared the application for user adaptability by preparing for integration of customer design and customization

Team Leader   **May 2018 – August 2018**
Website Development for Pony Pictures
- ponypictures.ca
- Managed communication with all team members, including the design team and encouraged collaboration with clientele for all members to understand what was required as well as desired
- Constructed database implementation of the website using PHP and MySQL to create an easily customizable website without the need to edit code through a design of expandable algorithms
- Incorporated design instructions efficiently declared from the design team by overcoming misunderstandings with quick and concise explanations
- Documented all of the steps taken, ideas explored, and all coding that anyone wrote

VOLUNTEER AND EXTRA-CURRICULAR EXPERIENCE
Volunteer Experience
- Hardware Specialist at cuHacking   February 16, 2019
- Assistant teacher of Tsuroruka Karate   May 2016 – July 2018
Extra-Curricular Experience
- Participant of Communitech's Code to Win 2018   September 2018
- Participant of Carleton University's Lamejam 2017   November 2017