Ben Minor

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Summary

- Highly motivated 2nd year student pursuing a degree in Computing with a major in Artificial Intelligence
- Project management experience gained through practical work experience in a collaborative team environment during summer work term at DCR Systems Group
- Multitude of experience in software development with programming languages such as **Python**, **Java**, **C**, and **Swift**
- Developed strong communication and interpersonal skills from two years of customer service experience

Education

Queen's University   **Kingston, ON**
Bachelor of Computing (Honours) in Artificial Intelligence - 3.73 GPA   **2018 - 2022 (Expected)**

- *Relevant Coursework*: Cognitive science, artificial intelligence, algorithm efficiency, discrete mathematics, linear algebra, data structures, computer architecture
- *Technical Skills*: **Python** - Order of magnitude complexity, algorithm analysis, recursion, backchaining; **C** - Data representation, memory hierarchies, ARM; **Java** - Object-oriented design, software architecture, polymorphism, abstraction; **Prolog** - Cognitive architecture, logical propositions, game theory, neural networks

Markham District High School   **Markham, ON**
Ontario High School Diploma - 92.6% Final Year Average   **September 2014 - June 2018**

- *Final year courses*: Calculus and Vectors (**98%**), Chemistry (**94%**), English (**93%**), Computer Science (**92%**), Advanced Functions (**92%**), Computer Engineering (**92%**), Physics (**87%**)

Relevant Experience

DCR Systems Group Inc.   **Markham, ON**
Computer and Software Technician   **May 2019 - August 2019**

- Performed PC cloning/imaging with Symantec Ghost and Paragon Disk Manager
- Configured, installed and updated internal software and hardware resources
- Worked efficiently and cooperatively with product team to meet strict contractual deadlines
- Provided dynamic software and hardware recommendations within product team

DECA Ontario - High School Chapter   **Markham, ON**
Media Officer   **September 2017 - June 2018**

- Created chapter website for student members to access resources and information
- Utilized online domain hosting tools to maximize availability across all chapter members
- Developed database for study materials and documents to improve competition performance

Garden Basket Food Markets   **Markham, ON**
Produce Clerk   **May 2017 - August 2018**

- Provided customer service to answer questions and concerns
- Replenished fruit and vegetable displays while maintaining an aesthetically pleasing environment

C.D Farquharson Junior Public School   **Toronto, ON**
Computer Lab Technician   **August 2016 - August 2017**

- Set up library computer lab system and assisted with technical issues
- Debugged any hardware or software related issues

Independent Software Projects

Gravity Tap - Unpublished iOS Game   **Kingston, ON**
Personal Project   **October 2019 - Present**

- Programmed and developed an interactive 2D game for iPhone devices
- Utilized **Swift** programming libraries **SpriteKit** and **SceneKit** to implement a realistic feel to the game
- Developed in a top-down approach to gain beneficial experience with software development techniques

iLearn Educational Software   **Markham, ON**
Senior Year Computer Science Project   **January 2018**
- Implemented object-oriented programming techniques to design an educational math program for elementary students
- Developed a multi-window interface using **JFrame** packages in **Java** to create a functional and attractive user interface

MP3 Library Software   **Markham, ON**
Junior Year Computer Science Project   **January 2017**
- Utilized **JFrame** packages in **Java** to create a program to import MP3 file titles, artists, and albums
- Created a user login system with local databases in an efficient way to ensure a productive user interface
- Achieved the highest grade

Skills & Interests

- 3 years' experience with **Java** in class and personal projects such as *iLearn Educational Software*
- 3 years' experience with **HTML** and **CSS** in personal projects such as my personal website *benminor.github.io*
- 2 years' experience with **Unix** operating systems such as Raspberry Pi computer boards
- 2 years' experience with **Python** in class and personal projects such as various machine learning programs to interpret the stock market
- 1 year experience with **Swift** in personal iOS projects such as my iOS game *Gravity Tap*
- 1 year experience with **Prolog** in university class projects
- 6 months' experience with **C** in individual learning and university class

Honours & Awards

- **Ontario Scholar Certificate** - Average of above 80% each year in high school   **June 2015 - 2018**
- **Gore Provincial Curling Champion** - First in Ontario with high school curling team   **February 2017**
- **DECA Business Club Executive** - Selected by previous executive team to serve as Media   **September 2018** Officer and create chapter website
- **Ontario U18 Boys Provincial Championship** - Qualified top 8 teams in Ontario   **February 2016 & 2017**