Adam Raskin

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github.com/adamraskin

EDUCATION
Bachelor of Computer Science: Software Engineering Stream   September 2018 - April 2023
Co-op option
Carleton University, Ottawa, Ontario
- 3rd Year

KEY SKILLS
- Authored and documented efficient code in: C++, Java, JavaScript, PHP, HTML5/CSS, MySQL, Python, Node.js, C, Swift
- Implemented and designed OO programs using principles of inheritance, encapsulation, and polymorphism
- Designed, created, and measured algorithms using Big O analysis to ensure speed and efficiency
- Organized and took part in multiple medium to large scale hackathons with a team of 12 members
- Takes initiative when working independently to ensure work objectives are met in a timely and professional manner
- Written function specifications and project documentation to clearly communicate how code should work and how it was implemented

WORK EXPERIENCE
Software Developer Analyst - ESDC, Government of Canada   **January 2020 - September 2020**
Gatineau, QC
- Designing, implementing and managing software programs to meet the needs of the client outlined in a functional specification document
- Identifying areas for modification in existing programs and subsequently developing these modifications
- Writing and implementing efficient Java code as part of a large scale multi-team project
- Troubleshoot, debug and upgrade existing software to provide a good user experience
- Collaborating closely with other developers, UX designers, business and systems analysts to deliver a timely and polished final product
- Distributed and documented code using git repositories to track and control versions, version history, and releases

Counter Intelligence Agent - Geek Squad   **August 2018 - December 2019**

Kanata, ON

- Assisted clients with damaged or defective electronics and repaired them using various software, tools, and hardware components
- Resolved client issues and complaints in a positive manner
- Performed repairs, upgrades, and related services using technical documents to ensure an accurate and quick repair for the client
- Provided technical information to clients on available products and services to meet their needs

Systems Administrator Associate - Curtiss-Wright DS   **February 2017 – June 2017**
Kanata, ON

- Maintained systems, servers, and computers for employees to avoid any disruptions to workflow and productivity
- Troubleshooted a variety of software/hardware related computer issues to ensure that all manufacturing equipment and lab computers worked properly
- Offered technical support on-site or via phone or email to clients having an urgent technical issue that disrupted their work
- Categorized and distributed IT help desk tickets to prevent uneven numbers of tickets between IT technicians to improve ticket wait times

APPLIED PROJECTS

Lead Developer - Arduino based Recreational Drone   **March 2018 - February 2020**

- Created an extensive design document to outline physical specifications of the drone, as well as software requirements, and design principles to accurately document and streamline the creation of the final product
- Implemented the drones control software using abstraction to streamline all sensors and sources of information into a data object for an efficient, low bandwidth bluetooth protocol
- created representational objects for both controller and drone, both inheriting from a bluetooth object to reduce duplicate code

Team Lead - Foodbook, social media style website   **March 2018 - February 2020**

- Developed code to work effectively with the rest of the teams code, creating a seamless user environment and a pleasant experience
- Tested and troubleshooted both front and back end bugs to reduce or entirely eliminate unintended behaviour