**Thomas R. North II**

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» **Objective**

Currently a sixth year senior and enrolled at the University of Kentucky who is seeking a computer programming job upon graduation in May 2020.

» **Computer Skills**

* *Proficient* in C++ and Python
* *Familiar* withPHP and Microsoft Access
* *Experienced* with Windows/Linux/Unix Operating Systems

» **Projects**

* Class: Introduction To Software Engineering Techniques *Fall 2016*
  + Stored text file into linked list and inserted/removed lines of text at different locations in list.
  + Stored large text files in data structure and proceeded to sort and search files in less than one second.
* Job: Computer Programmer at D20 Hobbies *Summer 2019*
  + Wrote web scraping code in Python to retrieve card names, prices, categories, condition of card, etc. from trading card websites, each website had multiple URLs to scrape, and organized and outputted data into a JSON file.
  + Set up delays between each URL of each website scraped in order to not overwhelm the website's server and be respectful to the websites owners.
  + Rotated through multiple proxies and user agents to mask identity from website that was being scraped.
* Also familiar with functions, classes, arrays, vectors, files, linked lists, loops, conditional statements, OOP, and many other C++ and Python programming techniques. Also familiar with some PHP programming techniques.

» **Education**

University of Kentucky, Lexington, KY *To Be Awarded Spring 2020*

**BS Computer Science** *with minor in math and geography*

* Received *Provost Scholarship* for success throughout high school career
* Cumulative GPA: 2.426
* Relevant Courses:
  + Introduction to Computer Programming AND Introduction to Software Engineering Techniques
  + Introduction To Programming Design, Abstraction, and Problem Solving
  + Discrete Mathematics AND Computer Organization and Design
  + Algorithm Design and Analysis AND Introduction to Numerical Methods
  + Systems Programming AND Logic and Theory of Computing

» **Work History***(partial)*

**Aramark (**Student Manager) *Sep. 2015 - present*

* Experienced with working in a fast paced environment while maintaining a high level of customer service. As a manager I deal with money, making sure my shifts run smoothly, and that my employees are doing their jobs to the best of their abilities.

**D20 Hobbies** (Computer Programmer)

* Worked as part time computer programmer at local hobby shop in Lexington, Kentucky during summer 2019. Wrote two programs during that time. One was a web scraping program written using Python and the other was a PHP program that retrieved data from the company's Facebook page.

» **Awards**

* *Work Ethic Diploma*, given to a student who has stood out as having a strong work ethic. *Awarded May 2014*
* *Victor Award*, given to a student who has shown strong determination and drive through the process of applying to colleges. *Awarded May 2014*

» **Activities**

* Member Of Calvary Christian School Engineering Team *2010-2014*