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IT-1010-1 Intro Information Technology

My Dream Job of Software Development

When it comes to what one of my potential Dream Jobs are that I think I would want to have/pursue after College along with the two US States that I would like to have one in as well, that would be in Software Development in either Massachusetts or Minnesota. Along with that, there are also some skills and requirements that I have gained a little of in some of the required classes that I am currently taking this semester in Software Development in the Major along with many other various skills and requirements that I do not have yet that I hope to gain throughout all of the rest of the future required classes that I will be taking here at Curry College in that of the Software Development Major for all future semesters (*Software Development*, 2018). For those classes that I am currently taking this semester with what they are, those would be some of the required major prerequisites which are Intro Information Technology and Foundations of Hardware along with a related requirement as well which is Database Concepts (*Software Development*, 2018). For all of my future required classes that I will be taking for the major with specifically the ones that I am registered for this next semester for spring 2021, that would be another related requirement which is HTML and Design (*Software Development*, 2018). Along with those, all of the other required major classes that I will be taking for all future semesters after this next semester of spring

2021 for the major would be the rest of the required prerequisites and all of the main requirements as well after that as listed in that of the Course Catalog of Curry College for the Software Development Major in the 2018-2019 one which would be the specific academic year that I enrolled in at Curry College (*Software Development*, 2018). Lastly, when it comes to any Certifications as well as previous Jobs that I have had along with any prior experience in Software Development prior to this current semester too, that would be that I have not had any before up until this point and will need to learn everything with getting better at and accomplishing it all as I go throughout that of all of the rest of the required classes in the Software Development Major that I will be taking here at Curry College after this semester for all future semesters (*Software Development*, 2018).

When it comes to what Software Development is about as a whole along with some of the typical things that are mainly done in it (Bureau of Labor Statistics, U.S. Department of Labor, 2020), “Software Developers are the creative minds behind computer programs” (Bureau of Labor Statistics, U.S. Department of Labor, 2020). Also, all of the other different main primary areas of Software Development consist of doing application development for any kind of device out there by making various different tasks for people to do on them, doing system underlying development which helps with network controlling and even device running, and making flow charts as well for that of computer code writing for programmers (Bureau of Labor Statistics, U.S. Department of Labor, 2020).

For some of the many typical duties and responsibilities that Software Developers do (Bureau of Labor Statistics, U.S. Department of Labor, 2020), those

include “Analyze users’ needs and then design, test, and develop software to meet those needs” (Bureau of Labor Statistics, U.S. Department of Labor, 2020), “Recommend Software upgrades for customers’ existing programs and systems” (Bureau of Labor Statistics, U.S. Department of Labor, 2020), “Design each piece of an application or system and plan how the pieces will work together” (Bureau of Labor Statistics, U.S. Department of Labor, 2020), “Create a variety of models and diagrams (such as flowcharts) that show programmers the software code needed for an application” (Bureau of Labor Statistics, U.S. Department of Labor, 2020), “Ensure that a program continues to function normally through software maintenance and testing” (Bureau of Labor Statistics, U.S. Department of Labor, 2020), “Document every aspect of an application or system as a reference for future maintenance and upgrades” (Bureau of Labor Statistics, U.S. Department of Labor, 2020), and “Collaborate with other computer specialists to create optimum software” (Bureau of Labor Statistics, U.S. Department of Labor, 2020). Along with that, “Software developers are in charge of the entire development process for a software program” (Bureau of Labor Statistics, U.S. Department of Labor, 2020). “They may begin by asking how the customer plans to use the software” (Bureau of Labor Statistics, U.S. Department of Labor, 2020). Also, “They must identify the core functionality that users need from software programs” (Bureau of Labor Statistics, U.S. Department of Labor, 2020). “Software developers must also determine user requirements that are unrelated to the functions of the software, such as the level of security and performance needs” (Bureau of Labor Statistics, U.S. Department of Labor, 2020). “They design the program and then give instructions to programmers, who write computer code and test it” (Bureau of Labor Statistics, U.S.

Department of Labor, 2020). However, software developers do have to end up going back to fixing and also improving anything in that of the design process of a program if testers have too much difficulty with using it or if it doesn't work the way expected as well (Bureau of Labor Statistics, U.S. Department of Labor, 2020). Along with that, one more other main thing that software developers do with all of this is maintenance and also upgrade performances as well for programs after a customer release of it (Bureau of Labor Statistics, U.S. Department of Labor, 2020). Lastly, some more also include "Writing and implementing efficient code" (*Software Developer*, 2020), "Determining operational practicality" (*Software Developer*, 2020), "Developing quality assurance procedures" (*Software Developer*, 2020), "Deploying software tools, processes, and metrics" (*Software Developer*, 2020), "Training users" (*Software Developer*, 2020), and "Working closely with other developers, UX designers, business and systems analysts" (*Software Developer*, 2020). When it comes to what I hope to achieve in this kind of job, that would be being able to learn, understand, and eventually master at learning all of the various different parts/components that make up a computer with all of their functions and purposes with how they each work and contribute to helping a computer run and work with also learning, understanding, and eventually mastering at learning how to use all of the various different computer programs that you would be expected and required to know and learned all about associated with that of Software Development along with also learning, mastering, and meeting all of the skills, requirements, certifications, and also qualifications in order to actually get a job in Software Development with doing well and succeeding in it.

When it comes to a lot of the various different kinds of jobs in that of Software Development that are available/offered in the two states that I am hoping to get and pursue one in after graduating College in that of either Minnesota or Massachusetts with at least five possibilities in each state for a total of ten, for the five in Minnesota starting with the first one I found, that would be Software Engineer of Wells Fargo in Minneapolis, MN whose mission statement is to help both satisfy the financial needs of along with also helping them in financially succeeding as well with that of their customers who are looking for talented people who can help with putting their customers with everything that they do in that of the very center of it all where they then go on to say the kind of team that they have which is both inclusive as well as diverse where you will have the feeling of being both inspiration and also value in contributing that of both your experience and unique skills too. For the technology skills/requirements of this job, that would be 5+ years experience with each of the following qualifications of that of Software Engineering, Java, Web Services, and Relational Database. For its position description, that would be Technology of Management of that of both Investment and Wealth who are seeking developers of senior application who have a strong background in development consisting of that of Web Service and Java where the position is part of development of that of a web service team consisting of an Architecture of Oriented Service of both customer and internal use of application facing. Along with all of that, they then go on to say what you will specifically do in this role which is project leading with that of task assigning, and also guidance and direction providing to that of staff with less experience along with supporting, designing, and developing applications of Java and services of RESTful

web as well for businesses of that of both Trust and Wealth. Along with that, they also say that lots of skills are expected to be had too with working in a team through that of teamwork along with problem solving, communication, and leadership. For all of the technology skills/requirements of this job with which ones I would currently have, that would be that I have none of them which I will need to all learn and accomplish throughout College in all of the required classes in the Software Development Major.

URL to job-

https://jobs.nicsa.org/jobs/14049420/software-engineer?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic.

For the second Software Development job I found in Minnesota, that would be Entry Level Software Developer - Dev10 Program - Paid Training & Career Placement of Genesis10 in St Paul, MN whose brief company overview is that it is considered to be a kind of program that is involved with both innovative mentoring and also training as well designed for launching careers in Software Development of that of Java in its fast-growing industry that also includes paid candidate training which includes an aptitude of strong technical from that of diverse backgrounds that involves partnering with a program camp involving that of boot coding from using that of a cohort model with also not requiring any previous experience in Software Development as well. For the technology skills/requirements, those would be either a Bachelor Degree in only one of the four areas of that of Engineering, Technology, Mathematics, or Science with that of a 3.0+GPA or in Technology with prior work experience with that of a non-technical degree, having a desire in growing and developing that of a skill set of technology along with also learning Software Development Java with this job also not requiring any prior

Software Development experience as well, being able to think logically, having strong communication of that of both interpersonal and group, desirability of environment working in that of a corporate kind of one with also development of that of consulting skills, having the ability of committing to that of a 27-month program, and having an Authorization of that of Unlimited Work. For the position description of this job, that would be being with Genesis10 of being a consultant of Dev10 with taking on a role of that of a critical kind of one with turning needs of businesses into solutions for technology which consist of solutions of that of technical kinds with designing them and requirement defining for systems along with also enhancement testing and developing too. Along with all of that, there is also training as well where you will do and learn various different things during it which are Java back-ending, application developing for adding that of business value from computer programs of becoming a creative mind behind them, and team collaboration consisting of both project as well as client kinds for turning requirements of businesses into specifications of that of a detailed kind of design with then next doing system enhancement or building for help with meeting those specific needs of theirs. For this job with all of its technology skills/requirements of which ones I would currently have, that would be that I do not really have that much Software Development experience because of this job not requiring any previous experience in it where I don't really have any of the other technology skills/requirements of this job and will need to learn and accomplish all of the rest of them in College in my Software Development Major in that of all of the required classes in it with also in this job too since no previous experience in Software Development is required for this particular job. URL to job-

https://www.linkedin.com/jobs/view/entry-level-software-developer-%E2%80%93-dev10-program-%E2%80%93-paid-training-career-placement-at-genesis10-2016423224?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic.

For the third Software Development job that I found in Minnesota, that would be Software Developer of Sun Country Airlines in Minneapolis, MN whose mission statement is that for Sun Country Airlines when you come onboard, the kind of team you will be joining is that of an experienced one of employees that are both talented and driven who affordably connect guests to a bunch of their favorite things including memories, places, and also people as well that's done with culture cultivating that helps with passion pursuing through encouragement of their team in both that of the air as well as on the ground too that allows you to fly at that of a life speed. Along with all of that, they also take pride as well in that of their culture, company, and also comradery too with having encouragement of joining them. For the technology skills/requirements of this job, those would be having a version control system knowledge such as with that of GIT, having strong skills in that of troubleshooting, problem solving, communication, and analytical, having a concurrent ability of managing that of multiple projects along with also having excellent organizational skills as well, having an eager to be excited and learn about both problem solving and also technology too, having an attitude of that of a customer focused kind of one, and having a plus experience of that of previous airline industry. Along with that, there are also some required experiences as well which are having a college degree of four years or that of an equivalent education/experience combination, software developer experience consisting of that of anywhere from 3-5 years in it, having experience in the following areas of coding, software development,

and application development, and lastly, having experience in coding language with that of Python, SQL, C#, Java, or that of equivalent languages. The position description of this job is that Software Developers will be participating as both an individual contributor and also a leader of thought in applications of that of key business as well as in-house developed from maintenance, creation, implementation, and also test automation.

Along with that, responsibilities in this kind of position are maintaining, developing, and testing that of software integrations for applications consisting of both home-grown and key business with also understanding what will be developed as well by that of the Software Developer along with the overall business process with developing an overall understanding of it with also solution delivering too with that of Project Managers as well as Application Administrators in meeting that of business requirements. When it comes to these technology skills/requirements with whether I have any of them or not at the moment currently, that would be that I have a little experience in Software Development since I am currently taking some of the required classes this semester in that Major with just starting it along with a little SQL experience as well due to one of those Software Development required Major classes that I am currently taking this semester involving that of learning and using SQL. Along with that, I don't have any of the other technology skills/requirements and will need to learn and accomplish them in College in all of the rest of my future required classes in my Major of Software Development that I will be taking after this semester. URL to job-

<https://www.linkedin.com/jobs/view/software-developer-at-sun-country-airlines-2272047524>.

For the fourth Software Development job that I found in Minnesota, that would be Software Engineer - Embedded Systems of Open Systems International in Medina, MN where their brief company overview is that Open Systems International, Inc. is that of a company of high technology that is both growing and fast-paced whose headquarters are located in that of Medina, Minnesota where OSI both supplies and develops management consisting of that of state-of-the-art energy in the field of Operations Technology (OT) as a world leader in it where it provides something to companies of energy utility worldwide which are solutions of control software and also optimization as well. For the technology skills/requirements of this job, those would be having a Bachelor's degree in that of either Computer Science, Computer or Electrical Engineering, or any other technical related field, having skills of that of C development, and having experience in the following areas of that of both device drivers and protocol developing for SPI, I2C, RS-232/485, TCP/IP, and UDP as well as other communications protocols, development in Application for product embedding including that of user interface as well, software development for prototypes of early hardware, testing of integration and unit executing along with creating, and lastly, issues of hardware/software integration and software debugging. For the position description, that would consist of responsibilities involving that of development for real-time of that of OSI proprietary of embedded applications consisting of security products and communications with also being provided with that of training on the job which consists of requirement analyzation along with development of designs consisting of that of both detailed and functional for that of the new applications for software development along with also existing applications with that of new features too, doing creations of that of

both test procedures and plans along with doing test performance as well for that of product releasing, providing support associated with program providing of applications for that of other departments, and also doing documentation of product development as well for that of software applications with just some of them being Design Descriptions and also User's Guides as well. For all of these technology skills/requirements of this job with whether I currently have any/all of them, that would be that I don't and will need to learn all of them throughout College in all of my required classes in the Software Development Major. URL to job-

https://www.linkedin.com/jobs/view/software-engineer-embedded-systems-at-open-systems-international-2270271292?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic.

Lastly, for the fifth Software Development job that I found in Minnesota, that would be Software Developer of Open Access Technology International in Minneapolis, MN where their brief company overview is that careers are constantly on the move at that of OATI where across platforms with that of technology along with diverse verticals as well are with expertise that their employees have with it where OATI combines large company stabilities with that of small company agilities where a culture has been diligently built that is both rewarding and nurturing over that of the previous 25 years. Along with that, all of their team members are also encouraged a lot with learning more and also going beyond defined roles as well in that of their collaborative kind of work culture. Lastly, they also say that OATI is the kind of place to be for those looking for a career that is rewarding, energetic, and also challenging too. For the technology skills/requirements of this job, those are a Bachelor's Degree in either of the following

areas of Software Engineering, Computer Science, Computer Engineering, or some other related kind of study, having substantial experience with that of both deployment and development in WPF Applications and .NET 3.0/4.0, having a stable resolution building aptitude with that of having good skills in both communication and programming, ability with team member working collaboration with also being that of a team player as well, strong knowledge with concepts of that of relational database design, having a report investigation of that of an acceptable background, being local to that of MN, having capability efforts with leading of utilizing that of SOA, 2008/2014 SQL Server, and also 2010/2015/2017 of Visual Studio, being capable of procedures of that of Stored SQL with maintaining, reading, and tuning them, having that of an expert knowledge level with that of database optimization, data integration, and also web services, ability with working in a team that is energetic, small, and also experienced on a schedule of that of rapid, agile development, and having excellent verbal and written skills in that of communication along with also having the ability to manage and also engage with of that of both external and internal expectations with stakeholders. For the position description of this job, that would be that they are looking for 0-1 year experienced Software Developers of complex application building for that of Minneapolis, MN openings consisting of complex, innovative, and smart kinds. Along with that, there will also be software design and requirement specifications too where successful candidates are expected to have strong understandings associated with that of code writing with development of that of new modules or already developed ones. This position also consists of a requirement as well which is having ability in both quality and efficient code writing per the standards of coding from that of software design.

Lastly, when it comes to if I currently have any of the technology skills/requirements of this job that are listed, that would be that I do have some of them which are being able to work in a team with that of other members which I seem to have done well with before in previous jobs I had, I would have that of a good background report, and I am also from Minnesota as well. For all of the other technology skills/requirements that I don't really have, I will need to learn and accomplish them all in College throughout all of my Software Development required Major classes. URL to job-

https://www.glassdoor.com/job-listing/software-developer-open-access-technology-international-JV_IC1142551_KO0,18_KE19,55.htm?jl=3495985935&utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic.

When it comes to the second state that I have chosen to get a potential job in of Software Development after College in that of Massachusetts with the five jobs that I found there starting with the first one, that would be Software Engineer of MathWorks in Natick, MA whose brief company overview is that they are responsible for various different Simulink development aspects with some of them being compiler optimizations, data management, and programming language design. Also, their customer tool usage is over that of a million for crafting that of the next generation of many various different things with some of those being Automobiles, Radar Systems, and Airplanes. With all of this, the Software with what it's used for after it's done being built with everyone's help is for teams of that of MathWorks product and also for heavy use by their customer base too. For the technology skills/requirements of this job, those would be Software Development experience, professional work experience of 5 years along with a Bachelor's Degree or having that of equivalent experience or a Masters Degree, having

either a PhD or Master of Science in that of either Engineering, Computer Science, and/or Physics, availability of three different level positions which are Senior, Junior, and also Principal, and having either knowledge or experience or both in any/all of the specialization areas which are implementation, Design, Algorithm Development, Software Architecture, either code generation technology (LLVM/JIT) or compiler technology, design patterns, data management, data repositories, Interface developer of that of UI user with C++, Qt, JavaScript, and also a plus with either MATLAB or Simulink as well. For the position description of this job with that of its responsibilities, that would be that they are looking for Software Engineers who are both motivated and also hardworking as well who have a passion with that of C++ object orientation of software development with improvement and design for that of core components consisting of teamwork with having an expertise in that of object oriented development from using C++ with that of their product line of Simulink with both better scalability and also modularity too. Along with all of that, there is also project leading that you'll be doing as well from its stages in that of the really early design as that of a key member along with also playing a role with driving it to delivery too. For these technology skills/requirements with which ones I would currently have, that would be that I do have some Design experience since I am also majoring in Design as well where I have taken some of the required Major classes in it over the past few semesters with also taking one this semester as well along with a little Software Development too with taking some of the required Major classes this semester with just beginning that Major. With that, I don't have any of the other technology skills/requirements of this job and will need to learn and accomplish all of those in that of all of the rest of the future required Software

Development Major classes that I will be taking after this semester. URL to job-

https://www.linkedin.com/jobs/view/software-engineer-at-mathworks-2190716447?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic.

For the second Software Development job that I found in Massachusetts, that would be Software Engineer, Infrastructure of that of Google in Cambridge, MA whose brief company overview is that the technologies of that of the next-generation are developed by engineers with that of Google's software which can end up changing the connections of billions of users with the ways of how they do it along with also the ways that they explore and interact as well with both one another and information. Along with that, their products consist of massive scale information handling and also extending well beyond that of web search. For the kind of people they are looking for, those would be engineers that help bring fresh ideas from that of all areas with just some of those many areas being security, large-scale system design, artificial intelligence, information retrieval, and distributed computing where the list reportedly grows every day. For what you do specifically in this job as that of a Software Engineer, that would be working on a certain project for Google that is critical for their needs with also involving opportunities as well too which are project and team switching in that of a fast-paced business that continues to grow and also evolve along with you as well. For the technology skills/requirements, those would be minimum and also preferred qualifications which are having experience in Professional Software Development for 5 years or a Computer Science, Statistics, Engineering, Mathematics advanced degree of 1 year, one or more programming languages of that of general purpose experience that include but are not limited to Python, Go, JavaScript, Objective C, Java, C#, or C/C++, design of

developing that of distributed systems as well as architecting experience, experience with programming of that of network and also TCP/IP, experience with that of database programming, database design, database internals, SQL, and also database language theories, and lastly, having technology understanding with the following with some of them being MapReduce, massive data storage, networking, and even load balancing as well. For the position description, that would be having working opportunities from that of the core platform with everything along with helping with system redefining in allowing both services and applications in providing information that would be useful to that of users around the globe. Along with that, they also say that their workers work with that of ubiquitous systems of that of its vast scale with also its services and products along with technology revolutionizing industry leading too. They also work a lot with making solutions for that of both storage and massive scalability applications consisting of that of large-scale, and brand new developer platforms as well around the world along with that of search revolutionizing too. For which of these technology skills/requirements listed of which ones I would currently have for this job, that would be that I have a little with that of Databases since one of my required Software Development Major classes that I am taking currently this semester involves learning about and using that of Databases overall in the broad and general terms with that of all of its concepts. With that, I don't have any of the rest of the technology skills/requirements for this job and will be learning and accomplishing all of them in College throughout all of the rest of my Software Development required Major classes. URL to job-

<https://www.linkedin.com/jobs/view/software-engineer-infrastructure-at-google-2208410>

[959?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic](https://www.algorand.com/jobs/959?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic).

For the third Software Development job that I found in Massachusetts, that would be Software Engineer (All Levels) of Algorand in Boston, MA whose mission statement is that they are looking for Software Engineers for their products of cryptocurrency and Algorands blockchain with having and playing an important role in its implementation and development where both your innovation and also ideas help with the new cryptocurrency and blockchain of that of tomorrow with shaping it where Go is the implementation of the projects current suite where it will also be open-sourced too. For the technology skills/requirements, those would be having a Bachelor's in either that of a related technical field or Computer Science where there will be adjustments for responsibilities of both depth and level for Master's/Ph.D. in either that of a related technical field or Computer Science, complex applications shipping and working on experience of two-plus years as part of a team along with advanced education being considered as well in only that of extraordinary cases, experience in any of these areas which are network coding, secure coding, performance optimizations, or distributed systems, experience in either one or more of the following programming languages of that of general purpose with just some of them being C/C++, Go, Java, C#, and Rust, experience of contribution to projects of that of major source software that is favorably considered, system designs of that of highly scalable distribution with experience in as that of a technical influencer which is preferred, being able to do that of in-office working while working that of regular business hours, and enjoyment of working in an environment that is dynamic, highly collaborative, and also fast-paced. For the position

description of this job, that would be that it is an opportunity for those with general excitement of the new technologies along with having that of product building passion that ends up serving that of millions of users where you will be working on a project that is rapidly growing, high-profile, and fast-paced with that of a significant opportunity of cryptocurrency technologies and emerging blockchain with that of an industry-level impact. When it comes to these technology skills/requirements with whether I currently have any/all of them or not, that would be that I don't and will need to learn and accomplish them all in College throughout all of my Software Development required Major classes. URL to job-

https://www.linkedin.com/jobs/view/software-engineer-all-levels-at-algorand-2198790031?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic.

For the fourth Software Development job that I found in Massachusetts, that would be Software Engineer of Interactions in Franklin, MA whose brief company overview is that Interactions, LLC is an AI company that is the world's largest independent one where they operate at an AI and customer experience intersection which are both industries that are two of today's most dynamic and innovative where they have also helped various different leading companies including LifeLock, MetLife, Shutterfly, and Citi which are all leading companies since that of 2004 which have also had millions of successful conversations that ends up resulting in both increasing productivity as well as saving of that of operational cost. For the technology skills/requirements, those would be having that of a B.S. or equivalent in either Electrical Engineering, Computer Science, or a related technical field, Software

Development with work experience of a minimum of 2 years in with using both C++ and Python in that of a linux environment, having work experience in at least one or more of the following areas of VoIP protocols (SIP, RTP), event-driven systems, data engineering, or real-time systems, having either that of working or academic with that of some knowledge in of either one or more of the following areas of speech recognition, machine learning, or natural language processing, having strong skills in that of communication and also interpersonal, working effectively with both as an individual contributor of that of a self-directed one and also in a team, and a curiosity with things that work with why and how they do along with that of technical challenge with being energized by it. For the position description of this job, that would be that Interactions Corporation is a platform that consists of an Understanding Conversation of that of Spoken with building one of that of a system that is AI advanced that both understands and listens to conversations which consist of that of human-to-human customer care which involves both reacting and augmenting to them in that of real time. Along with all of that, as that of a Software Engineer, that means being part of the team as that of an integral member of it where you would be primarily focusing on interactions that are within that of Software with both the Application Layer and the Runtime Engine which also along with that of your challenges that you have, includes implementation of functions consisting of that of complex with either Latency or CPU which has minimal impact on in that of a code that would be easy for both revision and understanding. Lastly, one more additional thing they say regarding the position is that they have a place for interactions of yours if you enjoy that of your technical life with living it on the edge as well as running toward that of complex problems too. When it comes to the

technology skills/requirements of this job with whether I have any of them currently, that would be that I am able to work with others in that of a team quite effectively from learning and doing a lot of that in previous jobs that I have had. With that, I don't really have any of the other technology skills/requirements of this job and will need to learn and accomplish all of them through that of all my required College classes in the Software Development Major. URL to job-

https://www.glassdoor.com/job-listing/software-engineer-interactions-JV_IC1154572_KO0.17_KE18.30.htm?jl=3685735013&utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic.

Lastly, for the fifth and final Software Development job that I found in Massachusetts, that would be Software Engineer - Machine Learning of Lightmatter in Boston, MA whose brief company overview is that Lightmatter does something for computing of that of artificial intelligence which is building that of chips where their architecture helps with enabling both training engines and inference that is both efficient and fast with that of light by leveraging its unique properties of it. Along with all of that, they then say that you should consider joining Lightmatter with their team if you're a Scientist or Engineer who is collaborative that would have an innovation with passion along with doing work that would be impactful and solving technical problems that are challenging too. For the technology skills/requirements of this job, those would be either a PhD or Masters in that of Mathematics, Physics, Computer Science, or any other related field, Software Engineering or a related field of that of machine learning which is actually preferred of >3 years of experience in, having a high proficiency in languages of that of programming which is scientific object-oriented based such as

Julia, Python, and C++ with having that of good code hygiene, having a solid understanding of the following with that of machine learning, artificial intelligence, and neural networks, and experience in the following areas of framework, machine learning, and deep learning programming languages such as Caffe, Tensorflow, Keras, and PyTorch. For the position description of this job, that would be that it is about building learning algorithms consisting of that of both novel machine and state-of-the-art when working closely with that of a machine learning scientist in learning data semantics such as images, audio, text, and video with also that of other modalities too along with both analyzing and understanding between that of hardware and software associated with that of machine learning accelerator as well, and visualizing and training with models of that of neural networks by maintaining and developing code repositories. When it comes to the technology skills/requirements of this job with whether I currently have any of them or not, that would be that I don't and will need to learn and accomplish all of them in College in that of all of my required Software Development Major classes. URL to job-

https://www.glassdoor.com/job-listing/software-engineer-machine-learning-lightmatter-JV_IC1154532_KO0,34_KE35,46.htm?jl=3665155469&utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic.

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