

Application Developer Application Developer Application Developer New York, NY I seek full-time software engineering opportunities to develop my analytic and programming abilities further. Particularly, I am interested in team work, productivity, and challenging problems. Moreover, I am highly proficient in Python, Java, and C++. <https://www.linkedin.com/in/pajuelojavier> Authorized to work in the US for any employer Work Experience Application Developer JPMorgan Chase - New York, NY December 2015 to Present Work on Python to uplift and implement new features in JPMC's credit portfolio group APIs. Emphasis on agile and DRY style of code writing. Follow PEP 8. Work using SVN and Confluence. Extensive use of abstract classes and object oriented design. Use RHEL6, putty, bash and python scripts. Use Oracle SQL. C++/Java Software Engineer Goldman Sachs - New York, NY September 2015 to December 2015 Responsibilities * SDLC processes, including CVS and SVN knowledge (gmake, ANT, Maven and especially Gradle). * Unix, Shell and Python scripting. * C++ and/or Java * Work with Jenkins and Jira Python Developer Intern Gambit Technologies - New York, NY November 2014 to June 2015 Responsibilities * Designed code in Python to interact with diverse instances in Amazon Web Services (AWS) * Developed algorithms using Selenium to automate information flow into Monster.com * Created algorithm to scrape Professional Networking website and move information to AWS * Used RDS MySQL instances and query, update, and modify via Boto library in Python * Used Apache Couchdb (NoSQL) in AWS Linux instance in parallel to RDS MySQL to store and analyze job market info. * Wrote HTML pages to portray relevant information from DBs to co-workers * Libraries used: Boto, pycouchdb, sqlite, selenium, and BS4 Peer-Led Team Learning (PLTL) - C++ Teacher Assistant City College of NY - New York, NY August 2014 to June 2015 Responsibilities PLTL is a nationally recognized model of teaching and learning that originated in a chemistry course at the City College of New York in 1991. In PLTL, students who have done well are recruited to be peer-leaders: students who facilitate small-group learning as an integral part of the course. * Met with student group to engage in problem solving and discussion of course material. * Reinforced the lecture's main ideas in C/C++ practice problems. Aided students with OO fundamentals, control structures, containers, and elementary logic. * Showed alternative ways to

solve problems via algorithms and give more depth in course's theory. * Graded students' recitations Research Assistant Center for Algorithms & Interactive Scientific Software - New York, NY December 2012 to July 2014 Study public key cryptography schemes - Project Based on C++, C, and Qt4 entirely. * Provided research support for two faculty members of the City University of NY. * Studied public key cryptographic schemes. * Aided construction of cryptographic protocols to authenticate computations and storage on un-trusted servers in C++ * Conducted analysis, debugging, and optimization of algorithms using C++ * Used several libraries such as GMP, NTL, OpenSSL, STL, and some Boost * Wrote a hashtable from scratch that expedited the query time significantly. Used SHA1 and HMAC as hashing tools. * Created front end GUI for above protocol using Qt4 for C++ Programming Services Intern Forex Capital Markets - New York, NY August 2013 to December 2013 Used MQ4, C#, and C++ code to develop custom trading schemes and tools for MetaTrader 4 platform Maintained and updated documentations and files Liaise with clients about consulting requests, and help them quantify and detail their trading strategy requests * Developed expert systems in MetaTrader4 to depict diverse market hours in the world. * Developed a intra-company event calendar GUI based on xml information containing market information. The calendar would follow the Open Close Order (OCO) protocol based on market events. Private Tutor Self - Brooklyn, NY May 2012 to December 2012 Tutored undergraduate students in Calculus I, II, and Physics ACTIVITIES Member City College Robotics Club 2012 to 2012 2012; Member, Middlesex County College Hispanic Club, 2011 Secretary Middlesex County College New Brunswick Club 2011 to 2011 2011; Volunteer, Elijah's Promise Soup Kitchen in New Brunswick, 2010 SKILLS Education Bachelor of Science in Computer Science, Mathematics (Minor) City College of the City University of New York 2012 to 2015 Skills Linux, Python, C, C++, Java, MySQL, Javascript, jQuery, Windows, Shell, PHP, Git, Hg, Powershell, Latex, C#, HTML, CSS, PHP, Matlab, Numpy

Links

[https://bitbucket.org/wes_ccny/verifiable-delegation/src/a81d0fcf3266f7ff6ba1b75b7f9adae3fcabc7b](https://bitbucket.org/wes_ccny/verifiable-delegation/src/a81d0fcf3266f7ff6ba1b75b7f9adae3fcabc7b7/?at=front_end)

7/?at=front_end Additional Information <https://www.linkedin.com/in/pajuelojavier>

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