Python Developer Python Developer Python Developer - College Board New York, NY   8+ years of Professional IT experience in Analysis, Design, Development, Testing of Enterprise Applications and Database Development.   Extensive knowledge in Python, Java, MySQL, Oracle, Unix and Linux. Experience in object oriented programming (OOP) concepts using Python, Django and Linux. Good knowledge of toolsets such as SVN, Fisheye, Crucible, Anaconda, and Regression Testing. Good experience in unit testing with Karma, Mocha, Jasmine, Protractor   Highly proficient in design/development of standalone and web applications using JavaScript, XML, DHTML, Ajax, Tomcat and Apache Application server over various platforms (UNIX, Linux, and Windows).   Good Experience in Linux Bash scripting and following PEP Guidelines in Python.   Used SVN, JIRA, GIT and GIT HUB for version control and Clear Quest for bug oracle.   Experience in developing web-based applications using Python 2.7/2.6, Django 1.4/1.3, PHP, Flask, Webapp2, Angular.js, C++, XML, CSS, AJAX HTML/HTML5, JSON, MVC3 DHTML, JavaScript and JQuery.   Hands on experience with testing frameworks (ScalaTest, JUnit, Cucumber) and Continuous Integration. Good understanding of NoSQL databases such as MongoDB, Datastax, Redis and Apache Cassandra.   Design, develop and Implement Business Intelligence project ETL, reporting and Dataware house using Microsoft and IBM products   Experienced in using Caching applications like Memcached, Redis.   Working knowledge Mongo DB, Oracle, SQLite databases.   Involved and played a leading role in database migration projects from Oracle to MongoDB,Couchbase, Apache HBase, Cassandra, CouchDB databases based on my custom software.   Expertise in Implementing MVC design pattern-using Struts 1.1 & 2.1, Spring 3.0 and Hibernate 3.0 Frameworks with Maven and Ant in various Java/J2ee design patterns.   Expert in RDBMS including MySQL, Microsoft SQL Server, Oracle, IBM DB2, and NoSQL Databases, MongoDB, Redis.   Good experience in Python, Flask, Django, Pyramid Framework. Knowledge of Pandas, Numpy, Scipy. Experienced in data modeling for analytics by building queries using Map/Reduce (pymongo/mongodb) and implementing for visualization using Elastic search, kibana and logstash on Apache server.   Expertise in analyzing OLAP and OLTP Databases and worked with Cloud computing as well by using Openstack.   Strong understanding and knowledge of Linux, automation

and CI Tools like Chef, Hudson, Jenkins & Git with scripting languages (Shell, python) Authorized to work in the US for any employer Work Experience Python Developer College Board - New York, NY June 2017 to Present Responsibilities: Worked in stages such as analysis and design, development, testing and debugging. Experienced in NoSQL technologies like MongoDB, Cassandra and relational databases like Oracle, SQLite, PostgreSQL, Dynamo DB and MySQL databases. Wrote Automation test cases using Selenium WebDriver, Junit, Maven, and Spring. Wrote Junit test cases for unit, integration, and functional tests, run automatically by Hudson/Jenkins in the builds triggered by each push to GIT. Implemented Behavior Driven Development using Rspec and Cucumber to Perform testing. Used Hibernate for data manipulation and access. Experience with continuous integration and automation using Jenkins. Monitored Bamboo builds and Maven artifacts for errors Involved in preparing engineering specification with OOA and OOD. Used UML Tools to develop Use Case diagrams, Class diagrams, Collaboration and Sequence Diagrams, State Diagrams and DataModeling. Analyzed and fine Tuned RDBMS/SQL queries to improve performance of the application with the database. Used Couchbase Python SDK to build applications that use Couchbase Server. Designed, developed, and managed enterprise production data warehouses and business intelligence and analytics platforms and applications. Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web based solution. Writing Unit, Functional, and Integration test cases for Cloud Computing applications on AWS using Python with boto library. Used Redis cache for storing commonly used info and propagate the changes using RabbitMQ. Used Pandas library for statistics Analysis &Numpy for Numerical analysis. Used OOP concepts to develop newer libraries for automation Used Couchbase Python SDK to build applications that use Couchbase Server. Implemented code to perform CRUD operations on MongoDB using PyMongo module. Implemented Automated Build System for Innovation using Ant Build System. Experienced in developing UNIX shell scripts and bash scripting. Participated in all phases of the System Development Life Cycle Analysis (SDLC). Worked on development of SQL and stored procedures on MYSQL. Involved in the development of front end of the application using Python 2.7, HTML5, CSS3, AJAX, JSON and

Jquery.   Created various classes based on object-oriented methodology (OOPS) to ensure functionality and to incorporate future changes as a part of designing and development phase. Designed and maintained databases using Python and developed Python based API (RESTful Web Service) using Flask, SQL Alchemy and PostgreSQL.   Implemented RESTful Web Services for the data transportation between multiple systems.   Used Python to extract weekly bed availability information from XML files using underscore JS. Python Developer Johnson Controls - Chicago, IL March 2015 to June 2017 Responsibilities: Involved in the Complete Software development life cycle (SDLC) to develop the application.   Involved in UI refactoring that involves extensive use of Ajax   Involved in test scenarios, test cases, test plans and test data using tool Cucumber. Hands-on experience in Python scripting, Python STL, Django, UI and web development. Analyzed the code completely and have reduced the code redundancy to the optimal level Develop programs to automate the testing of RAID controller firmware and utilities using Python 2.7, Java, Bash script, Windows command line, AutoIt, AutoHotKey.   Implemented Automated Build System for Innovation using Ant Build System.   Deployed the project into Jenkins using SVN version control system.   Designing mobile search application system requirements and coded back-end and front-end in Django/ Python.   Develop the Data Warehouse components like Universal Data Loader (UDL) to support dataingestion and edmigrate - a component to migrate all data in to the database for reporting purposes.   Involved and played a leading role in database migration projects from Oracle to MongoDB,Couchbase, Apache HBase, Cassandra, CouchDB databases based on my custom software.   Having experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics, data wrangling and Excel data extracts.   Used Test driven approach (TDD) for developing services required for the application.   Involved in writing Maven scripts for automated deployment of the application and managed GitHub Projects and migrated from SVN to GitHub with merge and version.   Views and Templates were developed with Python and Bash scripting and to create a user-friendly website interface Django's view controller and template language is used.   Developing predictive analytic using Apache Spark Scala APIs.   Worked on analysis, design, development and

implementation of web applications using PHP, Zend Framework, Oracle and MySQL   Learnt Object Oriented Programing (OOP) concepts during development of standalone application in Python.   Monitors technology and industry trends for new business intelligence opportunities. Worked with JSON based REST Web services and Amazon Web services (AWS).   Designed and developed Use-Case Diagrams, Class Diagrams, and Object Diagrams using UML Rational Rose for OOA/OOD techniques.   Used Hibernate framework for back end development and Spring dependency injection for middle layer development.   Designed and developed System monitoring in Python and Redis to keep track health of Platform, Hbase, Storm, Kafka etc in the multi-node cluster environment   Trained on embedded system design including ARM assembly and embedded C coding   Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format.   Used Pandas library for statistical Analysis.   Worked on JavaScript MVC Framework like Angular.JS.   Used Python scripts to update content in the database and manipulate files.   Exported Test case Scripts and modified the selenium scripts and executed in Selenium RC environment.   Experienced in all phases of usability testing including user profiles and personals, task analysis, contextual research, test moderation, and reporting using Karma and Jasmine. Python Developer Fiserv - Dallas, TX December 2012 to March 2015 Responsibilities: Responsible for gathering requirements, system analysis, design, development, testing and deployment.   Participated in the complete SDLC process   Created a Python based GUI application For Freight Tracking and processing   Used Django framework for application development.   Developed stored procedures, triggers and functions to process the data using PL/SQL and mapped it to Hibernate Configuration File.   Used UML Rational Rose to develop Use-case, Class and Object diagrams for OOA/OOD techniques.   Developing applications using RESTFUL architecture using Node.js and PHP as backend languages.   Successful implementation of Apache Spark and Spark Streaming applications for large scale data.   Wrote scripts in Python/Oracle for extracting data from HTML file.   Parsed XML file using Python to extract data from database.   Designed and developed a horizontally scalable APIs using Python Flask. Designed Cassandra schema for the API.   Used Apache Couchdb (NoSQL) in AWS Linux instance

in parallel to RDS MySQL to store and analyze job market info.   Evaluate new software, tools and technologies to improve business intelligence and analytics   Developing a tool for front office Market Sales for e-trading, reporting and business intelligencegathering.   Integrated with Redis Cache and Rabbit MQ to store and propogate common information like account and diagnostics information.   Implemented Python script (Pandas, Numpy, xlrd) to combine, migrate and transpose excel files   Maintenances PHP/MySQL, Classic ASP/MSSQL. Communicating and interfacing with previous developers on a regular basis.   Associated with working cloud computing platforms like Openstack.   Involved in creating Puppet modules using manifests. Uploading desired classes for the nodes (clients).   Worked on major and minor upgrades of Couchbase and Cassandra cluster. Developed Persistence layer using Hibernate and implemented DAO to handle the data base interaction.   Used python Flask micro-framework for workflow and Cassandra database for managing the raw, transformed data.   Designed front end using UI, HTML, Bootstrap, Node JS, underscore JS, Angular JS, CSS, and JavaScript.   Managed large datasets using Panda data frames and MySQL.   Used Php language on lamp server to develop page   Developed dynamic interaction page on .net MS visual basic-2014, using SQL developer tools. Java Developer BMO Harris bank - Chicago, IL August 2010 to December 2012 Responsibilities: Developed Webservices WSDL using Apache Axis and Handled XML messages using JAXB with the concept of marshelling and unmarshelling approach.   Involved in the deployment of web components on the Websphere server in UAT environment.   Developed web services in Java and Experienced with SOAP, WSDL.   Created the low level design for the application which included Package Diagrams, Class Diagrams and Sequence Diagrams.   Designing mobile search application system requirements and coded back-end and front-end in Django/ Python.   Developed the View pages in JSP, using CSS,DOM and JavaScript validations.Developed AJAX code in JavaScript and JSON, EXT JS Libraraies   Thorough knowledge of UML, RUP and other software development methodologies.   Created Defect Tracking for each file using CMVC process using Unix commands.   Oracle 11g used as backend, worked on SQL queries for persistence of data. Involved in creating different SQL scripts for query operations.   Designed DOM based interactive to reprogram selected

links and handled JSON/XML data and carried out JSON/XML parsing for form submissions and DOM manipulations. Involved in writing Spring Configuration XML, file that contains declarations and business classes are wired-up to the frontend managed beans using Spring Web Flow. Developed the front end user interface for the application using JSP, HTML, CSS, JavaScript, and AJAX. Created reports from data warehouse using SSRS i.e. Drill Down, Drill Through, Sub Reports, Charts, Table. Developed the application using Eclipse as the IDE and used eclipse standard/plug-in features for mutator/accessor code generation, editing, debugging, compiling, formatting, build automation, and for version control. Manage the Business Intelligence data warehouse to support reporting and analytics Involved in the creation of JUnit Unit Test Cases using Test Driver Development (TDD) technique. Involved in migrating SOAP based Web Service to RESTful services. Data format using HTML, CSS and client side scripting using JavaScript. Integrates applications by designing database architecture and server scripting. Studying and establishing connectivity with network systems, search engines and information servers. Responsible for software development lifecycle (SDLC) including interpreting requirements, developing the solution and testing the results. Designed the front-end applications and user interactive web pages using web technologies like Angular JS, Node JS and HTML5. Developed the DAO layer for the application using Spring Hibernate Template support. Debugged the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions using Firefox and IE Developer Tool bar for IE. Developed Use Case Diagrams, Object Diagrams & Class Diagrams in UML. The proto-type built using leveraging the Model-View-Controller (MVC) design pattern. All controls were bound using data binding to the View Model. Coded extensively in JavaScript to make rich internet web pages and created custom date picker on the website. Used Dependency Injection feature of Spring 3.0 MVC framework and O/R mapping tool Hibernate for rapid development and ease of maintenance. Education Bachelor's Skills Javascript, Android, PHP, MySQL, ASP

Name: Claire Odonnell

Email: bankssean@example.org

Phone: 915.701.5466x335