Ronald Adomako

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Pinch Services LLC—CEO/ Scrum master, Passion Project, pinchservices123.com/FAQ

Aug 1. 2022 –Present [20/wk]
- *PinchServices* is the caregiver app on demand. It is web app and is currently in the Google mobile store.

24 hour Fitness—Staff Associate

Oct 30. 2024 –Jun 02, 2024 [contract, 15/wk]

Professor—Monroe College, School of Information Technology

New Rochelle, New York , Sep. 9 2023 –Present [contract, 20hrs/ wk]
- Graduate school for M.S. Data Science and M.S. Computer Science
- Courses: Object Oriented Software, Machine Learning

Software Security & Consulting (SS&C) —Software *Engineer*

Mount Vernon, New York, June 7, 2022 – March 2, 2023 [40hrs/ wk]
- Optimized SQL scripts for stored procedures using multip Views for stock orders transactions
- Sprint method: app features for customer order history and net price locking on multi-leg stocks
- Automated web reports for development, system admin, quality assurance, and business teams
- ETL, Big data, Kafka, Cassandra: non-relational database, powershell, VS Code, C#, .NET Framework, WPF

Carr Astronautics — *Software Information Specialist*

Mount Vernon, New York, March 1, 2021 - March 2, 2022 [contract, 40 hrs/ wk]
- Version control of software architecture for satellite retrieval
- Managed backend troubleshooting using Linux and shell scripting
- Refactor software on proprietary data- IDL, C++, MAKE
- Weekly stand ups with NOAA Federal customers and contractors
- Ran CI & CD jobs using intel modules, cluster and head nodes
- Used Matplotlib for visualization and wrote scientific assessments

CUNY— *City College of New York* [contract]

NOAA-CESSRST Fellow, Computer Science
[May 19, 2019-June 30, 2021] [40hrs/ wk]
- Predictive resampling of satellite image on partial (300Tb) data
- Project management, professional development, leadership, ethics
- Anomaly detection of images for satellite analysis and validation

Adjunct Lecturer, Dept of Civil Engineering
[May 19, 2019 - May 30, 2022] [20 hrs/ wk]
- Computational Methods- lab (30 students)
- Transportation Systems Engr (class of 27) and ABET accreditation
- AMS101: Machine Learning for GOES-R ABI Radiance Anomalies
- Hadoop, PySpark, HPC (Computing)

Mathnasium — *Mathematician, Customer Engineering*

New York, New York   Jan 1, 2018 - June 30, 2019 [20hrs/ wk]
- Tutored 100 clients weekly in standardized testing & mathematics
- Online platform of web launch with team of 10

Engineer, Project Manager [Contract and Internship]

Project Manager, Washington, DC [Sep 12. 2016 – May 17, 2017, 40hrs/ wk]: *GSA-PBS*
- $0.83 million in federal State Dept. project in PmP practice
- Lead 20 professionals to meet scope, cost, and schedule

Civil Engineer, Ridgefield, NJ [Sep. 15, 2015 – May 15, 2016, 40hrs/ wk]: *FNA, Inc.*
- Automated calculations of value engineering and contact directory in cloud database

Architectural Designer, New York, NY [Nov. 15, 2014 – May 15, 2015, 40hrs/ wk]: *KPF Architects & Thornton Tomasetti*
- Analysis and Design contribution to Hudson Yards Project
- Facilitated presentation in coordination meetings to assess risk and delivery for client

CERTIFICATION F.E.- (E.I.T.) New York State, OSHA-10
LANGUAGES English (Native), Twi (Fluent), Spanish (Intermediate), Norwegian (Beginner)
TECHNOLOGIES SSH (tunneling and portforwarding),Bash, SQL, Jenkins CI/CD, windows scripting, REACT Native
CREATIVITY Film, Screenwriting, PodCasting, FIGMA, Adobe Creative Suite
LEADER ACTIVITIES Co-op Director, Mount Vernon YP general member, Triathlete   , City Tutors mentor

Missouri University S&T	City College of New York	Imperial College London	RPI
D.E. Civil Engineering (candidate)	M.S. Data Science	M.S. General Structural	B.S. Civil Engineering

Middle/Senior Big Data SDET Engineer
– software development engineer in test

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Object Oriented Programming

- 14 years of computer programming in Python
- Use of Jupyter notebook to fetch, host, visualize, and authenticate user data for web apps
- Pandas, Numpy, and SciKit-learn (S.K. learn) machine learning libraries
- Use on Linux systems in conjunction with GitHub, Gitlab, and Jenkins

Software Development

- Streamlit and Web hosting
- Stripe API and payment handling (globally!)
- Webhosting

Big Data concepts

- Used Spark/ PySpark to analyze big data sets on virtual clusters for data > 1GB

API testing experience

- Developed visual, electronic, web-service apps for iOS and web for start ups and private sector such as cryptocurrency, time and location filtering based chat service, and reporting visualization tool for Fintech company

Understanding Q.A. process to create test cases and test strategies

- Written test for devOps team for "sunny day" scenarios
- Engaged in buddy testing with QA team to demo FinTech app usage for extreme cases

Independently able to contribute to automation framework as well interact with the stake holders as needed

- Written automated reporting apps using crontab, jupyter notebook, with security authentication
- Provided in-house Markdown, Github documentation for hand off and use for product team

Database experience

- MS SQL, Stored Procedures (SPs), complex project maintenance and version control for Tables, Views, and SPs for separate servers
- MongoDB- aggregation framework and Detaspace
- Use of Gitlab of storing large datasets for use in government sector

Web hosting and Cloud Technology

- AWS, Render, and Heroku

Strong test mindset and Documentation

- Transferable skills include keeping scope, schedule, and cost on aggressive deadlines and producing code requirements to meet specifications.
- Technical writing and code documentation