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|  | Shiraz Hazrat  Data Scientist + AWS Cloud Architect  Highly ambitious, professional developer with proven experience in machine learning, Python, and AWS systems. Strong expertise in building scalable cloud architecture, serverless backends, API’s, databases, and real-time dashboards. |
| [shiraz@shirazhazrat.com](mailto:shiraz@shirazhazrat.com)    630-850-0708    San Francisco, CA    <http://www.shirazhazrat.com>    <http://linkedin.com/in/shirazhazrat>    <http://github.com/shazrat> | WORK EXPERIENCELead System Developer San Francisco, CAFractal Strategies Inc. Jan 2018 - Present  * Designing and building highly scalable, algorithmic cryptocurrency trading systems * Fully cloud-based, written in Python, and primarily serverless * Leveraging AWS SageMaker for rapid, containerized machine learning at low infrastructure cost * Using LSTM deep neural networks for accurate market predictions * System currently running in production with multiple cryptocurrency exchanges * Able to handle high user engagement (10,000+ users)  Operations Engineer Mountain View, CAGoogle Inc. - Google Cloud Platform Jan 2016 - Jan 2018  * Deployed and maintained Google’s data center hardware * Directly managed 5,000+ server and networking devices * Partnered with Google Chrome and Firebase team to develop their personalized testing environment * Traveled to 5+ international data centers to deploy new infrastructure  Internal Support Technician Mountain View, CAGoogle Inc. - Corporate Engineering June 2012 - Jan 2016  * Provided professional technical support to Google employees * Handled issues across all Google backend systems and OS platforms * Debugged Linux systems, Python, and Java code * Directly managed creation of new technical support team for Motorola Inc  EDUCATIONB.S. in Physics, Minor in MathematicsUniversity of Illinois at Urbana-Champaign (2007 - 2011)CERTIFICATIONS AWS Certified Solutions Architect - Associate (2017)  Red Hat Certified Linux System Administrator (2017) |
| **SKILLS**  **Amazon Web Services**   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  |   **Serverless Applications**   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  |   **Python**   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  |   **Machine Learning**   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  |   **Data Analysis**   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  |   **Linux Administration**   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |