

Adam W. Stueckrath

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PROFESSIONAL EXPERIENCE

Quantitative Services

June 2017 – Present

Bank of America Merrill Lynch, Chicago, IL

Designed and developed a next generation liquidity-risk and cash-flow forecasting system in Python.

- Designed and developed extract, transform, and load (ETL) solutions in Python and SQL to automate data mappings, procedures, and schedules
- Provided strategic benchmarking information (specifications, designs and status reports) to internal clients to support application development, database setup, and testing processes
- Utilized skills in project management and issue-tracking software, JIRA, including reporting and tracking of new features, software bugs, and development
- Strategized with Quantitative Strategies Group, Traders, and Applied Analytics to develop application architecture
- Created product documentation, user guides, and tutorials to improve the overall user experience

Analytics Engineer

October 2015 – June 2017

Apervita, Inc., Chicago, IL

Developed and implemented real-time data visualizations and dashboards for analytics platform.

- Implemented analytics in Python to improve patient outcomes and lower healthcare costs at 24 hospitals
- Achieved goals set by the board of directors, such as implementing over 1,000 health analytics across 12 specialties
- Managed the Apervita on-boarding and implementation process for 150+ clients, including high-profile businesses such as The Cleveland Clinic, Johns Hopkins University, and Yale University
- Led clients through the initial data requirements, technical platform configuration, administrator training and all other requirements defined through a customer's scope
- Assessed outcomes by producing retrospective analyses and presentations to clients on post-implementation datasets, leading to a 40% increase in company sales
- Led a 24/7 production support team, addressing problems that occurred during off-hours to ensure minimal interruption for critical systems in the healthcare delivery setting

System Engineer

July 2014 – October 2015

Cerner Corporation, Kansas City, MO

Implemented software interfaces at healthcare systems across the US, in a client-facing environment.

- Consulted clients on software environments, configuration decisions, and solution designs at 15 hospitals in 8 states, including Los Angeles County Health Services and Banner Health
- Developed custom scripts to manipulate datasets of over 2.5 millions records, conducted ad-hoc analyses, and summarized results in PowerPoint presentations presented to over 30 clients
- Leveraged clients and vendors to develop, implement, test, and maintain real-time data interfaces with various clinical systems, and improve overall interoperability in the network
- Led clients on system software environments efforts, hardware configuration decisions, and solution designs
- Shepherded on-site, end-user support for 3 software Go-Live conversions at the following Hospitals: Trinity Medical Center in Birmingham, AL; Kentucky One Health in Louisville, KY; and West Valley Hospital in Goodyear, AZ

TECHNICAL SKILLS

Languages: Python (Pandas, Matplotlib), SQL, HL7, CCL, HTML, CSS

Software: Git, pgAdmin, P4Merge, PyCharm, ZenDesk, JIRA, Confluence, Gliffy, Microsoft Office, Visio

EDUCATION

B.B.A. Business Analytics & Information Systems

May 2014

The University of Iowa, Iowa City, Iowa

Henry B. Tippie College of Business

Minor in Sociology