

Abel Kwong

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EDUCATION

University of Maryland – School of Pharmacy

Doctor of Pharmacy/MBA Data Analytics Candidate

Baltimore, MD

September 2019 – December 2020

University of Maryland

B.S. Biochemistry

Honors: Dean's List

College Park, MD

May 2019

Cumulative GPA: 3.72

TECHNICAL SKILLS

- **Programming:** Python, Java, SQL, R, HTML, CSS, JavaScript, C, Scala, PineScript
 - **Database Management:** MongoDB, MySQL, Postgres, Apache Spark, Hadoop/HDFS, Flask
 - **Machine Learning:** Regression, Regularization (LASSO, Ridge), Ensemble Learning (Random Forest, Boosting, Xgboost), Clustering (K-Means, Hierarchical), Natural Language Processing (Transformers, Torch), Deep Learning (CNN, LSTM), KNN, PCA, Feature Selection
 - **Data Analysis:** Visualization (Tableau, PowerBI), AB Testing, Excel (Solver), Google Analytics, Statistics
 - **Tools & Platform:** Git, GitHub, Bash, Jupyter Notebook, AWS, Docker, Postman
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WORKING EXPERIENCE

ROA

Financial/Data Analyst

Columbia, MD

February 2020 – Present

- Collaborate with clients to understand their investment goals and risk tolerance levels
- Utilize equities, options, and futures to execute trades on behalf of clients
- Conduct in-depth research on various financial sectors, analyzing both technical indicators and fundamental factors (e.g. financial statements, earnings report, and macroeconomic news)
- Monitor market trends and perform sentiment analysis using machine learning practices
- Experience with Python and PineScript to modify custom indicators for monitoring stock market activity

Walgreens Pharmacy

Pharmacy Intern

Laurel, MD

June 2018 – May 2020

- Managed high volume of patient prescriptions using INTERCOM Plus relational database and MySQL
- Assisted lead pharmacist with verifying accuracy of prescription orders and ensuring regulatory requirements
- Compound medications involving mixing, preparing, and packaging customized medication
- Met and improved weekly metrics with staff productivity and inventory turnover

CEP Scribe – Saint Agnes Hospital

Medical Scribe

Baltimore, MD

March 2017 – January 2018

- Assist attending physician with documentation of patient's medical history and physical examination
- Documented medical procedures, lab results and radiographic impressions made by ER physicians
- Performed clerical and informational technology functions for physicians
- Helped improve flow of patients within facilities with fast, accurate documentation

Department of Cell Biology/Molecular Genetics, University of Maryland

Undergraduate Research Assistant

College Park, MD

May 2016 – August 2017

Advisor: Sougata Roy, PhD

- Worked with graduate research assistants and PI in developmental genetics of *Drosophila melanogaster*; primary focus of interest was intracellular communication via cytonemes
 - Assisted with routine lab duties including gene sequencing orders and managing lab stock inventory
 - Performed molecular lab techniques including DNA/RNA extraction, PCR, PAGE, and Western blot
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PROJECT EXPERIENCE

- **FinBert Sentiment Analysis** | (PyTorch, Pandas, Matplotlib, Transformers)
- **Customer Churn Prediction** | (Scikit-Learn, Xgboost)
- **SARS-CoV2 CT scans: Deep Learning Imaging** | (ResNet50, TensorFlow, Keras, Python)
- **Early Liver Cirrhosis Risk Assessment** | (PyCaret, Random Forest)