

# Ryan King

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## PROFESSIONAL SUMMARY

A detail oriented former Active Duty Infantry Officer currently completing a B.S. in Computer Science while working as a machine learning research assistant in a bioinformatics lab. Currently seeking a job as an entry level software developer.

## EDUCATION

- **Texas A&M University**, College Station, TX  
*B.S., Computer Science (GPA: 3.94)* May 2019 – Present
- **Virginia Military Institute**, Lexington, VA  
*B.S., Civil Engineering* Graduated with Distinction – May 2015  
*Minor in Applied Mathematics* Graduated with Distinction – May 2015

## EXPERIENCE

### Research

- Worked as a research assistant for a bioinformatics lab at Texas A&M. Applied machine learning to single cell RNA sequence data to merge datasets from different labs.
- Conducted a research project for the Texas A&M Undergraduate Research Scholar program on a dynamic search space for Neural Architecture Search.
- Assisted in the submission of paper to ECCV that addressed the issue of catastrophic forgetting by applying lifelong learning to increase the performance of Neural Networks on visual classification tasks.

### Military

- Tracked \$300 million in shortages utilizing an Army SAP Program and Visual Basics which matched document and requisition numbers to parts ordered at the Battalion level.
- Acted as the second in command to the company commander; provided guidance to Platoon Leaders during battlefield rotations throughout the Middle East.
- Deployed \$80 million in equipment and over 100 personnel to Syria, Iraq and Kuwait in support of Operation Spartan Shield and Operation Inherent Resolve.
- Rapidly developed a logistical plan to support 4 platoons as they conducted training, maintenance, and forward operations during multiple changes of objectives while deployed to the Middle East

### Software

- Participated in Hackathons while pursuing a degree in Computer Science at Texas A&M. Placed in the top 5 at my first competition with a Texas A&M bus route optimization algorithm.
- Taught students at Texas A&M about data preprocess, visualization, hyperparameter tuning, neural networks, and even host competitions as an instructor for the Texas A&M Data Analytics Club.

## CERTIFICATIONS/SKILLS

- Proficient in Python, C, C++, Java, JavaScript, HTML/CSS, C#, VBA
- Fundamentals of Engineering/Engineer in Training
- NVIDIA: Fundamentals of Deep Learning for Computer Vision