RUSSELL CHARLES LAND

rcland12@gmail.com ♦ (724)554-0452 ♦ github.com/rl02898 ♦ linkedin.com/in/russellland ♦ https://russellland.dev

OBJECTIVE

Motivated and organized software developer in the field of machine learning and artificial intelligence seeking a full-stack software developer position. I have two years of experience in this field, developing full-stack applications for deployment of computer vision (CV) and natural language processing (NLP) tasks. I am currently employed with the Department of Defense with security clearances, if needed.

ADVANCED SKILLS

Python	Used for data science (Numpy), machine learning (PyTorch), image processing (OpenCV)
Docker	Used to containerize and standardize application environments for server deployment
Svelte	Main web-development tool I use for both frontend and backend
Linux	Ubuntu/Debian is my preferred operating system for development along with WSL
MySQL	Used to query databases
MS Office	Use of Excel, Powerpoint, Word, Access, Outlook, and Project
Other Skills	Go, HTML, CSS, JS/TS, Anaconda, virtualenv, Mathematica, LaTeX, MATLAB, PTC Mathcad
Soft Skills	Communication, Attentive to Details, Organized, Presentations

EDUCATION

Georgia Southern University - Graduate   *Grad. May 2021*
Master of Science in Statistics
Thesis Title: *Bias of Rank Correlation Under A Mixture Model**
President of Gamma Beta Phi Honor Society (2021 -2021)
GPA - *3.93*

Georgia Southern University - Undergraduate   *Grad. May 2019*
Bachelor of Science in Mathematics and Finance Minor
President's Award recipient five semesters
Gamma Beta Phi Honor Society member since 2016 (IG: @gammabetaphigsu)
GPA & Major GPA - *3.60 & 4.00*

RELEVANT EXPERIENCE & PROJECTS

Department of Defense (Air Force Material Command)   *2021 - Present*
AI/ML software developer
• Developer for computer vision (CV) models, natural language processing (NLP) models, optical character recognition (OCR) models, applications to host these models, and deployment of them in the field.
• Creator of CI/CD pipelines for AI/ML related integration and model drift
• Team lead for all CV and OCR related tasks.

Georgia Southern University   *2019 - 2021*
Teaching Assistant and Tutor
• Teacher of Elementary Statistics with two 40 student classes each semester.
• Tutor of statistics, calculus, algebra, and business calculus.

Consolidated Pipe & Supply Company Inc.   *2016 - 2018*
Sales Internship - Summer & Winter Employment
• Communicated and sent quotes to contractors seeking interest in our products.
• Developed and populated Microsoft Access database to centralize all contractor business cards to optimize accessibility and searchability of contractor information via queries.
• Daily use with Microsoft Excel, Word, and Access for clock-in/clock-out, sending quotes, and querying information.

Bias in Rank Correlation Under Mixture Models
• Research paper by Russell Land, Stephen Carden, and Trevor Camper.
• Presented research at the *Special Day For Statistics* conference on October 30, 2020 here.
• Published by the Journal of Statistical Theory and Practice here.