Gunnar W. Reiske

reiskegw@gmail.com   *(757) 419-0366*

Highlights

- **GRADUATE STUDENT - Computer Science, Virginia Polytechnic Institute and State University**
- **GRADUATE – B.S. Computer Science, Old Dominion University: 2020**
    - **Magna Cum Laude, GPA – 3.78**
- **GRADUATE – B.S. Biotechnology, James Madison University: 2016**
- **COMPUTER LANGUAGE PROFICIENT – C++, Python, Java, JavaScript**

Education

B.S. Computer Science   **Old Dominion University**   **Aug 2018-May 2020**

Graduated Magna Cum Laude after completing rigorous coursework in computer architecture, programming, software engineering, and operating systems.

- Experienced in Graphical User Interfaces, Machine Learning, and Linux
- Capstone Group Project Manager: Monarch Trade
    - Online trading platform to allow the ODU community to buy, sell, and trade goods/services in a secure and convenient manner
    - Designed project framework and delegated tasks to members

B.S. Biotechnology   **James Madison University**   **Aug 2012-May 2016**

Honors Student of a challenging program in biotechnology with a focus on harnessing cellular and biomolecular processes to develop technologies and products that improve lives and ecological health.

Experience

Graduate Teaching Assistant   **Virginia Tech**
Dec 25, 2020 – Current

Support professor through facilitation of labs, addressing student questions/issues, and grading student code submissions in a timely manner.

Research Assistant   **Old Dominion University**
May 1, 2021 – June 30, 2021   **Dr. Jian Wu**

As an intern under Dr. Jian Wu, in collaboration with Dr. Edward Fox and Dr. Bill Ingram of Virginia Tech, modified and developed code capable of crawling through university databases to extract pdf files and metadata pertaining to electronic theses and dissertations.

Graduate Teaching Assistant   **Old Dominion University**
Aug 31, 2020 – Dec 24, 2020

Support professor through leading recitation, addressing student questions/issues, and grading student paper submissions in a timely manner.

Research Assistant   **Old Dominion University**
Jun 1, 2019 – Aug 23, 2019   **Dr. Jian Wu**

As an intern under Dr. Jian Wu, PhD, modified and developed software capable of extracting key terms and phrases in high volumes from scholarly articles pertaining to Lyme disease.

- Developed in Python 3, the software used basic machine learning techniques to identify key words for Lyme disease from scholarly articles run through the program
- Research findings published during the Joint Conference on Digital Libraries (JCDL) 2020
    - "A Comparative Study of Sequence Tagging Methods for Domain Knowledge Entity Recognition in Biomedical Papers"

Selected over thousands of applicants nationally to attend the FAA Air Traffic Control Program, which encompasses intense instruction on the safe, orderly, and expeditious flow of air traffic in the National Airspace System.

- Highly skilled in communicating and coordinating actions through use of radar and non-radar control methods while confronting complex and catastrophic scenarios
- Mastered procedures for radar control and separation of aircraft utilizing vector, speed control, and altitude separation techniques