Vuk Habic
vhabic@gmail.com https://www.linkedin.com/in/vuk-habic

EDUCATION

University of Florida, Gainesville, FL
Master of Science in Computer Engineering | GPA: 3.3/4.0 | May 2020

University of Florida, Gainesville, FL
Bachelor of Science in Electrical Engineering | GPA: 3.4/4.0 | December 2017

PROFESSIONAL EXPERIENCE

Northrop Grumman - ALQ 161, Warner Robins, GA
Software Engineering Manager | October 2022 – Present

- Directed Automated Testing initiatives, enhancing software quality and reliability.
- Spearheaded the development and maintenance of Electronic Warfare tactics software for the B-1 Lancer.
- Led a team to enhance Situational Awareness within Electronic Warfare capabilities for the B-1. Modernized Electronic Warfare tactics with development in Ada.
- Wrote Desktop Applications to assist with Testing and Automated Testing of the B1's EW capabilities in C#.
- Contributed to the full software development lifecycle, including testing, deficiency analysis, and bug resolution.
- Managed 20% of responsibilities as a supervisor, ensuring team alignment and productivity.

Robins Air Force Base - CSSA, Warner Robins, GA
Software Engineer| May 2020 – October 2022

- Developed and maintained Tactical Data Links applications in C++.
- Focused on modernization through containerization and architectural improvements.
- Designed and executed tests for data routing applications with military systems including Link 16 protocol and JTRS/SADL radios, MIDS/LVT Terminals.
- Developed test infrastructure using TestComplete.
- Worked in an Agile development environment.

Eglin Air Force Base, Valparaiso, FL
Software Engineering Intern | May 2019 – August 2019

- Collaborated on Multi-Task Deep Learning projects for native language identification.
- Developed deep neural network architecture for L1 classification using adversarial multitask learning.
- Utilized Python with tools such as PyTorch, Keras, and TensorFlow.

Eglin Air Force Base, Valparaiso, FL
Software Engineering Intern | May 2018 – August 2018

- Developed a deep neural network for Software Defined Radio (SDR) identification based on various SNR traits.
- Programmed in Python using machine learning frameworks such as PyTorch, Keras, and TensorFlow.

FICS Lab, University of Florida, Gainesville, FL
Research Assistant | September 2018 – October 2019

- Developed a deep neural network for authorship attribution using diverse datasets (blogs, essays, chats, forum posts).
- Leveraged Python with machine learning tools including pandas.

TECHNICAL SKILLS

- **Programming Languages**: C++, Ada, C#, Python, Java, PowerShell, VHDL
- **Tools & Platforms**: Jenkins, DIADS,Visual Studio, GNAT Studio
- **Machine Learning**: PyTorch, Keras, TensorFlow, pandas
- **Methodologies**: Agile Development, Containerization
- **Languages**: English (Fluent), Serbian (Fluent)

ADDITIONAL INFORMATION

- **Active Secret Security Clearance**