Boris J. Russanov
Software Engineer | Computer Vision & Networking
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EXPERIENCE

UKG (Ultimate Kronos Group), Software Engineer II   **Jun. 2025 – Present**
– Deliver solutions across the stack from optimizing async C# business logic to Angular signaling
– Implement code migration schemes for an efficient transition from MongoDB to PostgreSQL
– Contributed to architectural overhaul of our app with the integration of PostgreSQL and Redis

Lockheed Martin Corporation, Embedded Software Researcher/Engineer   **Jan. 2023 – Sept. 2024**
– Created a software interface for an event camera to visualize output/employ algorithms (C/C++)
– Achieved encoding/decoding/displaying ~2,500,000 events every 16.7ms across three threads
– Lead project development of software architecture, establishing data formats, and algo research
– Wrote scripts and embedded code from flight data analysis tools to I/O memory mapping

EDUCATION

University of Florida, Gainesville, FL – Herbert Wertheim College of Engineering   **2023 – 2025**
– **Master of Engineering** (M.E.) Computer Engineering

University of Florida, Gainesville, FL – College of Liberal Arts and Sciences   **2020 – 2022**
– **Bachelor of Science** (B.S.) Computer Science

PROJECTS

"SpotLight" Social Media Platform (3-Person):   **2025**
– Lead the development of a geolocation based social platform using Golang, PostgreSQL, and Next.js implementing haversine distancing, messaging with websockets, and file hosting

"pl4tform" OpenGL Game Engine (Independent):   **2022**
– Made a basic 3D game engine in C using OpenGL, learned about object buffers, shaders, applying Euler/quaternion rotations, SAT collision detection and response algorithms, etc.

INVOLVEMENT

International Fencer / USA Fencing Team Captain   **2019 – 2020**
– Ranked top 5% in Juniors in the International Fencing Federation & USA Fencing Association
– Represented team USA in the EU Cadet World Cup as a team captain

SKILLS

Programming/Frameworks – C/C++, C#, .NET, Go, Java, Python, JavaScript, HTML/CSS, NodeJS, Angular, Android SDK, Bash, scikit-learn, MongoDB, PostgreSQL, MATLAB, OpenGL, CMake
Computer Skills – MS Office, Windows, Linux, Unix, FreeRTOS, Git, Jupyter Notebook, Blender
Soft Skills – Public Speaking, Problem Solving, Agile Scrum Methodology
Languages – English, Russian
Security Clearance – Secret level security clearance (2023 – 2024)

AWARDS

ALL-Academic First Team US Fencing Association   **2016 – 2020**
ALL-American First Team US Fencing Association   **2016 – 2020**

RELEVANT COURSEWORK

- Information and Database Systems
- Computer Information and Security
- Digital Logic and Computer Systems
- Calculus I, II, III
- Advanced Data Structures and Algorithms
- Analysis of Algorithms
- Distributed Operating System Principles
- Natural Language Processing