

Maksym Orest Lazirko
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Education

Bachelor of Science Rutgers University, Newark, NJ
Major: Management of Information Systems
Minor: Geological Science May, 2021

Doctoral Student in Management Rutgers University, Newark, NJ
Concentration: Accounting Information Systems Advisor-Dr. Miklos Vasarhelyi
Research Topics: Quantum Computing, Machine Learning, Cybersecurity Current

Employment

Boys and Girls Club of Clifton Clifton, NJ
Child Development Professional, Robotics Instructor June 2017- August 2019

- Educate children about STEM as a robotics teaching assistant
- Provide a role model for children while protecting them with a red cross first aid , AED , and lifeguarding Certification
- Train staff in water robotics

Absolutely Fish Incorporated Clifton, NJ
Aquarist / Geology Specialist September 2018- June 2019

- Experience with customer relations
- Obtained office work experience
- Got good at time management when presented with a setlist of tasks and a deadline
- Constantly experimented with process improvement

Rutgers University Newark, NJ
Research Assistant/ Technician/GA & TA/ Instructor September 2019- current

- Learned how to be a quick and adaptive learner
- Worked with a variety of tools and programs, also hardware
- Contributed to research/projects
- Experienced independent and group work

Experience and Expertise

Software: Office, HTML, DML, DDL, Lua, Photoshop, Python, QGIS, Tableau, Power BI, SAP, Audio Engineering, Streaming software, burp suite, cheat engine, Cain and Abel, Google Cloud Platform, Amazon Web Services, Google Scholar with citations, database management, crystal sleuth, GPRpy, Paraview, Wekka

Hardware: Build and repair computers, phones, and other electronics. Soldering. Musical instrument maintenance and construction. Metal, masonry, and woodworking. Wiring Sound systems.

Languages -Ukrainian Native, Russian Fluent, Belarusian Fluent, Spanish Conversational, Japanese Basic, Polish Conversational, Slovak basic, Afrikaans basic

References Available upon request

Curriculum Vitae

Courses Taught

- **Introduction to Financial Accounting**
29:010:203:B6:01542 *Instructor 5/31 -7/7*
- **Machine Learning**
26:198:622:01 *Teaching Assisant Spring 2022*
- **Design & Development of Information Systems**
22:010:604:75 *Teaching Assistant Summer 2022*

Papers

- Elgen-Engagement Letter Genaration Reimagined
- ML computation using wekka
- An Exploritory Analysis of U.S. Cybersecurity Major Breaches
- Auditing Hardware Health using Single Entity Upset Events
- Exogenous Variables: The Aftermarket
- A Georphysical Survey at Cedar Grove
- An Exploratory Study on the Descriptive Statistics or ID of Political Language in Political Reports and Political Donations and Their Presentation in Business Documents
- USGS Regional Stream Quality Assesment with Tableau

Conferences

- 51cars 2021 - Quantum Computing: What research is being needed to be done in accounting or audit in relation to it
- 2021 AAA SET Transformative Technology Workshop-Quantum Computing:The Future of Big Data Analytics
- GPU Technology Conference (GTC) 2022
- AAA 2022 Transformative Technologies Workshop (Quantum Computing in Practice and Academia)

Projects

- Rutgers digital library
- Swam
- Lukka
- Santa Caterina
- Janover
- Virtual Reality Classroom
- Peer Review for publications

Curriculum Vitae

Research Interests

- Quantum
- Machine Learning
- Geographic Information Systems
- Data Visualization
- Cybersecurity
- Deep Web
- Servers/Databases
- Statistics