Evyenia Quinn

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EDUCATION

Northeastern University, Boston, MA   September 2022 – Present
Khoury College of Computer Sciences   *Candidate for BS in Computer Science & Mathematics*
- Expected Graduation: May 2027
- GPA: 3.55/4.0
- Relevant Computer Coursework: Object Oriented Design, Algorithms & Data Structures, Fundamentals of Computer Science I & II, Discrete Structures
- Relevant Math Coursework: Group Theory, Statistics & Stochastic Processes, Adv. Probability & Statistics, Linear Algebra, Multivariate Calculus, Differential Equations

TECHNICAL SKILLS

Languages: Java, Racket, Python, MATLAB, C++, HTML/CSS
Developer Tools: Git / GitHub, VS Code, IntelliJ, Eclipse, Arduino IDE
Libraries: Java Swing, Socket, NumPy
Frameworks: JUnit Testing

PROJECTS

Stock Categorization Analysis | *Python, PyTorch, Pandas, Jupyter Notebook*   Dec 2023 – Present
- Engineered development of multiclass classification script in PyTorch
- Utilizes recent stock data from the S&P 500 companies, and classifies companies to their respective sectors using market cap, IPO Year, and country of origin metrics

Personal Website | *HTML, CSS, GitHub Pages*   December 2024 – Present
- Developed a simple and compact website using HTML and CSS to provide in depth perspective of experiences
- Published website via GitHub Pages and maintain updated records with GitHub version control

Student & Senior PenPals   May 2021 – June 2022
- Founded program matching students with senior citizens to become pen pals with local senior citizens
- Developed website increasing accessibility for residents in assisted living homes and high school students
- Conducted correspondence with local senior citizen and shared stories

EXPERIENCE

Software Co-Lead   Jan 2023 – Present
Northeastern Unmanned Aerial Vehicle Club, AeroNU, Northeastern University   *Boston, MA*
- Interface WeBots drone simulation in WSL to retrieve data stream from Socket output in Python script
- Self-taught theory behind convolutional neural networks and Proximal Policy Optimization algorithms to implement actor-critic model using PyTorch
- Develop and implement PID controller on quadcopter using dRehmFlight and Teensy Arduino

Teaching Assistant   Sep 2023 – Dec 2023
Khoury College Computer Science, Northeastern University   *Boston, MA*
- Guided students in Fundamentals of Computer Science 1 through homework sets and game development
- Led lab in which students completed exercises familiarizing themselves with Racket and logical problem solving
- Offered personal debugging assistance and design advice while hosting office hours
- Evaluated student homework submissions and provided useful feedback

ASPIRE Intern   Sep 2021 – May 2022
Johns Hopkins Applied Physics Laboratory   *Laurel, MD*
- Conducted research on unused orbiting satellites to determine former functionality
- Designed and developed simulation modelling the controlled reentry in MATLAB
- Joint collaboration with mentor and engineers to promote importance of sustainable space exploration