Yefim Shneyderman

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Education

University of Massachusetts Amherst   Exp. Graduation: May 2021
College of Information and Computer Science   Dean's List: GPA 3.822/4.0
- B.S. Computer Science, Mathematical Computing
- Relevant coursework: Programming with Data Structures, Calculus (I, II, & III), Physics I & II, Intro to Computation, Programming Methodology, Intro to Linear Algebra, Computer Systems Principles, Reasoning Under Uncertainty, Statistics I, Differential Equations
- Coursework in progress: Intro to Algorithms, Artificial Intelligence, Web Development, Intro to Abstract Algebra I
- Extracurricular activities: UMass Association for Computing Machinery, UMass Cybersecurity Club

North Andover High School   Sep. 2013-May 2017
- Graduated top 15/325 in Class – GPA 4.45/5.0

Skills

Programming
- Languages: Java, C, JavaScript, Python
- Data Structures, JUnit Testing, Image Processing, Networking, GUIs, Threads/Processes, Linux

Videography & Design
- **Advanced:** Adobe Premiere Pro, Final Cut Pro X, Adobe Illustrator, Adobe Photoshop, Microsoft Office Suite
- **Intermediate:** Adobe After Effects
- **Beginner:** Adobe InDesign, Adobe XD, Adobe Audition, Adobe Lightroom

Language
- Basic skills/experience in Russian and French

Projects

Hack UMass VI   Oct. 2018
- Worked with a small team of computer science and computer engineering students to design a remote light switch and curtain opener with desktop application in Java to help make dorm life easier for UMass students
- Led the development of the GUI and attempted to link the application over Bluetooth to a Raspberry Pi operating the motor

RPGChess   Jan. 2018-Present
- Working independently to continuously update a long-term project of a chess-inspired turn-based combat game and GUI in Java. For-fun project to develop a player vs. player game with different pieces with various abilities and move sets

Work Experience

Indigo Ag   *Charlestown, MA*
Laboratories & Facilities Intern   Jun. 2018-Present
- Collaborating with environmental health and safety consultants, and managers to create and update educational multimedia content for Indigo's online safety training site. Launched the platform to track user progress and ensure OSHA compliance
- Used technology skills to work on projects regarding office security, training employees, asset tracking, seating, etc.
- Designed and updated maps and graphics for internal use, and assisted in regular Laboratories and Facilities team duties

North Andover Public Schools   *North Andover, MA*
IT Support Analyst & Auditorium Technician   Sep. 2015-Aug. 2017
- Led a small team to provide technical support for classrooms and school equipment
- Worked with IT managers and learned about troubleshooting, researching, and repairing issues in computer software, hardware, printers, cables/wiring, and projectors. Occasionally took over core duties in their absence.

Volunteer Experience

North Andover Community Access and Media   Oct. 2013-Present
- Led and assisted in community film events and projects at the tv station. Elected Youth Representative.
- Received training and experience working with professional video-editing and broadcast related software and equipment