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 3.853/4.0
- B.S. Computer Science, Mathematical Computing
- Completed coursework: Data Structures, Calculus, Physics, Intro to Computation, Linear Algebra, Computer Systems Principles, Statistics I, Differential Equations, Algorithms, Artificial Intelligence, Web Development, Abstract Algebra I
- Coursework in progress: Machine Learning, Operating Systems, Statistics II
- Extracurricular activities: UMass Association for Computing Machinery, UMass Cybersecurity Club, UMass Design Club

Work Experience

Indigo Ag — *Charlestown, MA*
Laboratories & Facilities Intern — Jun. 2018-Dec 2019
- Collaborated with environmental health and safety consultants, and managers to create 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, solving technical challenges, and repairing issues in computer software, hardware, printers, cables/wiring, and projectors. Took over core duties in their absence.

Skills

Programming
- Languages: Java, C/C++, JavaScript, Python
- Skills: Data Structures, Unit Testing, Image Processing, Networking, Algorithms, Artificial Intelligence, GUIs, Threads/Processes, Linux, Web Development, Object Oriented Design, Operating Systems
- Technologies: HTML, CSS, jQuery, Node.js, MongoDB, Mongoose, SQL, Express

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

Language
- Basic skills/experience in Russian and French

Projects

TuneRater — Nov. 2019
- Worked with a team of three classmates to develop and demo a full stack web application using scrum-like workflow
- Created a music sharing and rating website using Node.js, Mongoose, MongoDB, JavaScript, HTML, CSS, Mustache

Hack UMass VI — Oct. 2018
- Worked with a small team of computer science and computer engineering students to design and build 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

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