Ania Misiorek

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Availability: July - December 2022

EDUCATION

Northeastern University, Boston, MA   September 2020 - Present
Khoury College of Computer Sciences   *Expected May 2024*
Candidate for Bachelor of Science degree in Computer Science
GPA: 3.86/4.0
Honors: Dean's List (all semesters), Northeastern Honors Program
Coursework: Object-Oriented Design, Algorithms & Data, Database Design, Mathematics & Data Models

Pomperaug Regional High School, Southbury, CT   September 2016 - June 2020
Honors: Top 5% in Class, National AP Scholar, 2x Connecticut Debate Association State Finalist

COMPUTER KNOWLEDGE

Programming Languages: Java, SQL, Python, HTML, CSS, Javascript
Tools: Git, Github, VirtualBox, Adobe Creative Suite, JUnit Testing, Eclipse
Operating Systems: macOS, Linux

PERSONAL AND ACADEMIC PROJECTS

Pac-Man (Python | Pycharm)   *In Progress*
- Developing Pac-Man game in which Pac-Man's movements are optimized through AI
- Implementing strategies such as adversarial search, reinforcement learning, and hidden Markov models

Venue Organizer (SQL | Java | HTML | CSS | Javascript)   December 2021
- Developed full stack web application to represent a venue with events, performers, and ticketholders
- Employed JDBC and Spring Boot in accessing mySQL database and writing CRUD operations
- Connected server to web brower through HTTP requests, displayed contents of server using ReactJS

Image Processor (Java | Swing | IntelliJ)   June 2021
- Built an image processing application with features such as the ability to filter, layer, and export images
- Created and supported multiple user interfaces, including command-line scripting and graphical
- Incorporated OOP design patterns and principles to ensure reusable code for interfaces and extending classes

WORK EXPERIENCE

Teaching Assistant for Discrete Structures   August 2021 - December 2021
Northeastern University, Boston, MA
- Assisted 20+ students weekly with understanding concepts in discrete mathematics during office hours
- Evaluated and graded 80+ assignments weekly using a rubric methodology
- Collaborated with a team of TAs and professors in organizing virtual meetings, office hours, and grading

E-Commerce Owner   June 2020 - December 2020
Autohaus, Inc., Naugatuck, CT
- Administered an eBay page for reselling aftermarket auto parts
- Researched market to create competitive listings and negotiated with prospective buyers
- Implemented an inventory management system to store 200+ parts and ensure efficient global distribution

INTERESTS

Snowboarding, Fashion, Soccer, Reading