

# LAURA POHL

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## EDUCATION

### MASTER OF SCIENCE IN COMPUTER SCIENCE GPA 3.75/4.0

2020 – PRESENT

NORTHEASTERN UNIVERSITY

Expected Graduation: May 2023

**Course Work:** Discrete Structures, Intensive Foundations of Computer Science (in Python), Object Oriented Design (in Java), Data Structures, Algorithms, and Their Applications Within Computer Systems (in C)

### CERTIFICATE IN WEB DESIGN AND DEVELOPMENT GPA 4.0/4.0

2019 – 2020

UNIVERSITY OF MASSACHUSETTS LOWELL

**Course Work:** Website Design, Graphics & Multimedia, Intro to XML

### BACHELOR OF SCIENCE SUMMA CUM LAUDE IN INFORMATION TECHNOLOGY GPA 3.95/4.0

2018 – 2020

UNIVERSITY OF MASSACHUSETTS LOWELL

**Course Work:** E-commerce, Java Programming, Survey of Programming Languages, Website Development, JavaScript, Website Database Implementation, Introduction to HTML, Project-Based Information Systems, Survey of Perl, Python & PHP

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## TECHNICAL SKILLS

- **Front End Technologies:** HTML, HTML5, CSS, JavaScript
  - **Back End Technologies:** Java, Python, C, SQL, ColdFusion, VBA
  - **Tools:** VIM, IntelliJ, Microsoft Office, Adobe Creative Suite, Adobe Dreamweaver, Terminal, PyCharm, Notepad++,
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## PROJECTS

### EASY ANIMATOR (PARTS 1 & 2), Northeastern University, Boston, MA

APR 2021

- Created a program using Java and MVC design architecture that reads in files and command-line arguments then produces one of three renderings, a text rendering, SVG rendering and visual rendering of the animation designed in the input file.

### MINI-SHELL, Northeastern University, Boston, MA

FEB 2021

- Created a mini-shell using C that uses a signal handler and runs with the “<mini-shell>” prompt that parses programs, displays a help menu, prints a history, and changes directories dependent on user input.

### CIPHERS, Northeastern University, Boston, MA

DEC 2020

- Created a program in Python that uses one of 6 different ciphers to code or decode user messages including: Caesar Cipher, Rail Fence Cipher, Playfair Cipher, Substitution Cipher, Beale Cipher & Straddle Checkerboard Cipher.

### SAMPLE BOOKSTORE WEBSITE, UMASS Lowell, Lowell, MA

AUG 2019

- Created a website for a sample bookstore using Cold Fusion and SQL that stores information for ten books in the connected database and displays the appropriate data upon user interaction.
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## EXPERIENCE

### FOUNDER & WEB DESIGNER, LAURA POHL WEB SOLUTIONS INC.

MAR 2020 – PRESENT

- Founded web design company to create innovative website solutions for clients
- Designed and custom coded website for business using HTML, HTML5, CSS and JavaScript
- Developed attractive, fully functional websites for clients such as religious institutions, sports teams, and small businesses using WordPress and the Adobe Creative Suite
- Taught clients how to use and update their existing websites which improved customer experience
- Managed existing websites including adding features, pages, and updates creating repeat business

### DATA ENTRY SPECIALIST, KIRKWOOD DIRECT

JUL 2019 – MAR 2020

- Automated daily postal reconciliation tasks to minimize human involvement using Visual Basic, which resulted in a half an hour of saved work every day
  - Documented work instructions that streamlined and increased efficiency of training
  - Synthesized data from multiple sources in to clear, readable reports in order to facilitate improved clarity of reporting saving management time and effort
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## INTERESTS

• Board Games • Video Games • Social Dance • Singing • Animal Care • Snowboarding • Skiing • Hiking • Art • Musical Theater •