EVAN M ALLGOOD

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PROGRAMMING SKILLS

Python	HTML / CSS
JavaScript	git / GitHub
React.js	GoogleTest
Windows	MacOS

AUXILIARY SKILLS

Microsoft Products	Adobe InDesign
Copyediting	Ghost-Writing
Project Management	Facilitation

EDUCATION

M.S. in Library and Information Science

University of Illinois, Urbana-Champaign (LEEP)

Fall 2023 – Expected Spring 2025

Selected Coursework: Community Engagement; Accessibility in Library Technology; Libraries, Information, and Society

B.A. in English & B.A. in Computer Science

Carleton College

2016 – 2020

Selected Coursework: Algorithms, Computability and Complexity, Natural Language Processing, The Politics of Teaching, Software Design, Twenty-First Century Novels, Queer Literature

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AWARDS

Distinction, Computer Science Senior Capstone (2020, Carleton College)

Distinction, English Senior Capstone (2020, Carleton College)

Awarded, Huntington Poetry Prize (2020, Carleton College)

Awarded, Larsen Award in Creative and Performing Arts (2020, Carleton College)

Exemplary, Writing Portfolio (2018, Carleton College)

PROFESSIONAL EXPERIENCE

Customer Relationship Management Architect & Project Manager

Beaver's Pond Press · April 2022 – Present

- Researched, created, documented, and currently maintains backend organizational systems for the management of Our Local Bookstore.
- Manages publication process for books and liaises between authors, illustrators, editors, designers, printers, and distributors.
- Designed, built, and currently maintains Python-based payouts system for authors who sell their books through Beaver's Pond online.
- Designs and builds workflows for Podio, a CRM tool.
- Edits manuscripts, promotional materials, metadata, and other copy.

Software Engineer I

Minnetronix Medical, Inc. · November 2020 – March 2022

- Led a team of software engineers to build safety critical, embedded software for an enteral access system, including live, 3D-rendering displays, informational screens, and backend system monitoring algorithms.
- Wrote unit tests in both pre-built and customized testing frameworks.
- Wrote technical, developer-facing documentation, as well as customer-facing documentation and marketing materials.
- Presented demonstrations of technical work to stakeholders.

Software Consultant & Intern

Thomas Ballinger · May 2020 – November 2020

- Built audio editor, embed UI, and server tools for an in-process podcast-remixing web application using JavaScript and React.js.
- Contributed to open-source projects including two Python libraries: bpython, a command line interface to the Python interpreter, and curtsies, a terminal wrapper.

VOLUNTEER EXPERIENCE

Board Member, Technology Committee Chair, & Volunteer

Quatrefoil Library · December 2021 – Present

- Volunteers at the front desk to welcome patrons, check materials in and out, train new volunteers, and assist patrons in using library tools.
- Writes member-facing materials including recommended reading lists, Quatrefolio content, and explainers for library tools like Libby.
- Organizes and hosts events for community members, including a Narcan training and a two month long poetry series.
- Manages volunteers to ensure newsletter and tech-based projects are completed in a timely and sustainable manner.
- Collaborates with board members to make institutional changes including implementing a DEI policy and creating more intentional space for youth.

RELEVANT PROJECTS

That's Not Fair: Identifying and Reducing Bias in Machine Learning

Computer Science Capstone Project · April 2019 – May 2020

- Researched fairness sensitive algorithms techniques, replicated research papers, and modified algorithms to repair race, gender, and class disparities in categorization problems.