BECKY TARNOWSKI
SOFTWARE ENGINEER

btarnow317@gmail.com | Indianapolis, IN | 248-207-4639 | [GitHub](#) | [LinkedIn](#)

TECHNICAL SKILLS

Languages: Python, HTML, CSS, SQL, JavaScript
Frameworks & Libraries: Flask, SQLAlchemy, Jinja2, Bootstrap
Database & Industry Tools: PostgreSQL, Git, GitHub, Command Line, AWS Lightsail

PROJECT

Everykid | *[GitHub](#)* | *[Demo Site](#)* | *Discover children's books with diverse characters*
Python, Flask, Jinja2, SQLAlchemy, PostgreSQL, JavaScript, AJAX, JSON, HTML, CSS, Bootstrap, Open Library's APIs, & AWS
- Developed a full stack web app that allows users to find children's books by characters' racial and gender identity
- Wrote scalable Python code to parse book information from Open Library's APIs to seed my database
- Utilized SQLAlchemy to optimize database queries and incorporated persistent data storage using PostgreSQL
- Managed user authentication and implemented password hashing for improved security

PROFESSIONAL EXPERIENCE

Software Engineering Student   Dec. 2022 – March 2023
Hackbright Academy, San Francisco, CA
- Developed in an agile team environment with daily scrums and two week sprints
- Collaborated with colleagues on pair-programming labs to develop a more comprehensive knowledge of object oriented programming, algorithms, debugging, utilizing APIs, data modeling, and more

Instructional Coach   June 2018 – May 2022
Indianapolis Public Schools, Indianapolis, IN
- Founding leadership team member that helped open a new school for Butler University's Lab School program
- Developed key processes and operating procedures used by 40+ staff members, including the creation and facilitation of our new staff onboarding
- Coached 20+ teachers and created individualized development plans by combining their specific growth aspirations with overall school goals, which decreased behavior referrals and increased student performance
- Led program-wide training and enablement sessions for 100+ staff members on topics such as implicit bias, trauma-informed teaching, and how to utilize digital tools for hybrid and asynchronous communication
- Created and implemented standards for digitally storing our program's curriculum for more than 100+ employees using Google Drive

Teacher   June 2015 – June 2018
Indianapolis Public Schools, Indianapolis, IN
- Selected as one of four teachers in a district of 2,500+ teachers to advise and collaborate with the district's curriculum and instruction team
- Created customized spreadsheets to analyze student data to make informed decisions on growth goals
- Developed and implemented strategic curriculum using backwards planning for project-based learning

EDUCATION

Hackbright Academy, San Francisco, CA   March 2023
Software Engineering Fellowship - Accelerated, 12-week, software engineering program

Butler University, Indianapolis, IN
Master of Science, Education, Teaching, and Leadership   May 2019
Applied Educational Neuroscience Certificate

Bachelor of Science, Elementary Education   May 2015