Ethan D. Ratnofsky

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EDUCATION

Vanderbilt University   **Nashville, TN**
Bachelor of Science in Computer Science   May 2020–May 2023 (Expected)
- Minor: Data Science
- GPA: 3.4/4.0, Major GPA: 3.8/4.0 (Dean's List: Spring 2021, Fall 2021)

Grinnell College   **Grinnell, IA**
Bachelor of Arts in Computer Science   August 2019–May 2020
- *GPA*: 3.9/4.0 (Dean's List: Fall 2019, Spring 2020)
- Founder's Scholarship: a 4-year $22,000 annual merit award

SELECTED COURSEWORK

- Algorithms
- Software Design
- Data Structures
- Data Science
- Project Management
- Technical Communications
- Linear Algebra
- Probability & Statistics
- Differential Equations

RELEVANT EXPERIENCE

Change++, Vanderbilt University   **Nashville, TN**
Software Developer, https://www.changeplusplus.org/   October 2021–Present
- Develop a mobile application for medical data collection and analysis in the Congo
- Coordinate with team members to construct and deliver creative technical solutions
- Direct and train coworkers through the development of frontend tasks

Portfolio Website Project (Personal Project)   **Newton, MA**
"Portfolio Website," https://ethanratnofsky.com   July 2021–Present
- Designed and developed a responsive website for displaying personal achievements
- Applied web technology skills including ReactJS, CSS, and HTML

AbbVie Bioresearch Center   **Worcester, MA (Remote)**
Full Stack Software Developer Intern   June 2020–August 2021
- Delivered project presentations to over 100 Business Technology Solutions experts
- Developed a web application for scientists to annotate DNA sequences
- Designed and implemented backend REST API for managing private databases
- Participated in professional version control methods via GitHub

Web Application Project (Personal Project)   **Newton, MA**
"Playlist Bridge," https://playlistbridge.herokuapp.com   July 2020–Present
- Developed a web application for converting music playlists between streaming services
- Applied web development skills including a responsive frontend and RESTful backend

TECHNICAL SKILLS

Programming Languages: Python (intermediate), C++ (intermediate), C (elementary), JavaScript (elementary), Assembly (elementary), R (elementary), Racket (elementary)

Markup/Query Languages: HTML (intermediate), CSS (intermediate), PostgreSQL (elementary)

Other Development Skills: JSON, React DOM, React Native, Git, GitHub, SSH, RegEx, Bash

Natural Languages: English (native), Spanish (intermediate)