# NATALIE BROTHERTON

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## EDUCATION

**University of Michigan, Ann Arbor, MI**                                                           **Expected 2022**

Bachelor of Engineering in Computer Science, Minor in Art & Design

Relevant Coursework:

o   EECS 280: Programming and Intro Data Structures          o   ARTDES 100: Drawing: Observation
o   EECS 203: Discrete Math                                                      o   MATH 215: Calculus III

**Northville High School**                                                                              **Graduated 2018**

Graduated Summa Cum Laude

Relevant Coursework:

o   Web Design & Development                                                  o   AP Computer Science A
o   Graphic Design                                                                     o   AP Computer Science Principles

## SKILLS

**Programming Languages:** C++, Java, Python, Javascript, jQuery, HTML, CSS

**Tools:** Android Studio, Git, Windows, Linux, Microsoft Office products, Adobe Photoshop and Illustrator, Gimp

**Design skills:** Drawing/illustration, mapping layouts, styling/UI

## PROJECTS

**Personal Portfolio** Static Website

o   Simple website intending to display projects and selected works
o   Built with HTML, CSS, and jQuery
o   Experimenting with uncommon layouts, animations, and typography in a webpage

**JamQuiz** Web Application

o   Built using Flask and Django
o   Used Billboard API to obtain list of songs in charts
o   Utilized iTunes API to obtain previews of songs
o   Designed a mock-up of the website UI and implemented it in CSS

**Stock Tracker** Android Application

o   Built in Android Studio using Java
o   Used Alpha Vantage API to obtain user selected stock data
o   Designed a logo in Adobe Illustrator and user interface for the app

## EXPERIENCE

**Girls Who Code**                                                                       **September 2017 - April 2018**

o   Founded and led a Girls Who Code chapter at Northville High School
o   Taught 10-15 members basic to intermediate Java

**Panera Associate** Plymouth, MI                                                          **June – August 2018**

o   Primarily worked on sandwich line but frequently contributed to prep and interacted with customers
o   Required to be fast, precise, and productive