

Arielle Bishop

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ariellebishop.github.io/portfolio



EXPERIENCE

NORTHEASTERN UNIVERSITY

October 2018 - Present

Laser / 3D Print Monitor

- Perform 3D printing and laser cutting operations while maintaining the equipment within the College of Art, Media, and Design's makerspace
- Ensure safe usage of the woodshop equipment, as well as teaching students Meshmixer and AutoCAD for digital fabrication and critiquing project work

CUSEUM

April - June 2020

Software Development Intern

- Developed conversational web interface as a prototype for a fully contactless ticketing kiosk in Vue
- Created Flutter proof-of-concept app for detecting distances between devices with BLE

TOAST

Jan - April 2020

Software Engineer Co-op

- Added various features to the Toast Takeout iOS App to enhance the delivery experience
- Collaborated with various teams as part of COVID-19 expedited response, implementing features such as contactless delivery and curbside pickup for Toast Takeout
- Designed and implemented internal React.js web config tool for Toast Drop Points
- Added functionality to Groovy web tool for restaurants to manage their digital presence
- Facilitated user research and investigated analytic data to enable the team to better prioritize feature enhancements and improve upon existing interface designs

CHEWY

Jan - June 2019

Software Engineer Co-op

- Created Ship Route Manager project [SRM] to reduce unnecessary work time spent on data input
- Designed SRM database schema in PostgreSQL, using Flyway to automate migrations
- Implemented SRM backend logic for excel parsing and data validation with Java and Spring
- Developed frontend interface for SRM as a Single Page Application using Vue.js
- Collaborated with senior UX designer to design wireframes for SRM

EDUCATION

NORTHEASTERN UNIVERSITY

Sept 2017 - May 2023

BS in Computer Science and Media Arts, minor in Experience Design

Expected May 2022

MS in Computer Science, concentration in Computer-Human Interface

Expected May 2023

Activities: NUVR | Northeastern Animation Students Association

Honors: 3.6 / 4.0 GPA | Dean's List | PlusOne

KENT CAREER TECHNICAL CENTER

Sept 2016 - June 2017

Program: 3D Animation and Game Development

Activities: Skills USA - 3D Visualization and Animation

NORTHVIEW HIGH SCHOOL

Sept 2013 - June 2017

Activities: Policy Debate | Gay-Straight Alliance | Colorguard

Honors: 4.3 / 4.0 GPA | Dean's List | National Honor Society

SKILLS

Languages

Java
JavaScript
HTML
CSS
Swift
PostgreSQL
Dart
Kotlin
Processing

Frameworks

Vue.js
React.js
Flutter
NativeScript
Spring

Software

IntelliJ
VSCode
XCode
DataGrip
PgAdmin

Autodesk Maya
Autodesk 3DS Max
Sketchup
MeshMixer
Houdini

Adobe Photoshop
Adobe Illustrator
Adobe InDesign
Adobe Premiere
Adobe AfterEffects

INTERESTS

Augmented / Virtual Reality
Generative Art
Video / Tabletop Games
Contemporary Dance
Psychology