Arielle Bishop

ariellebishop.github.io/portfolio

EXPERIENCE

NORTHEASTERN UNIVERSITY   October 2018 - Present
Laser / 3D Print Monitor
- Monitor and maintain the College of Art, Media, and Design's makerspace
- Instruct students on safe usage of the woodshop equipement, as well as teaching Mesh-mixer and AutoCAD for digital fabrication

CUSEUM   April - June 2020
Software Development Intern
- Designed and developed conversational web interface as a prototype for a completely contactless ticketing kiosk using Vue.js
- 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
- Implemented contactless delivery and curbside pickup for Toast Takeout as part of COVID-19 expedited response team
- 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
- Worked with Fullfillment Planning team to create Ship Route Manager project [SRM]
- Designed SRM database schema in PostgreSQL, using Flyway to automate migrations
- Implemented SRM backend logic for excel parsing and validation in Java
- Developed frontend interface for SRM as a Single Page Application with Vue.js
- Collaborated with senior UX designer to design wireframes for SRM

EDUCATION

NORTHEASTERN UNIVERSITY   Sept 2017 - May 2023
BS in Computer Science & Media Arts, minor in Experience Design   *(Expected May 2022)*
MS in Computer Science   *(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

Adobe Photoshop
Adobe Illustrator
Adobe InDesign
Adobe Premiere
Adobe AfterEffects

INTERESTS

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