Skye Bishop

(616) 206-6286 | me@skye-bishop.com | skye-bishop.com

EXPERIENCE

NORTHEASTERN UNIVERSITY
Oct 2018 - Present
Laser / 3D Print Monitor
- Perform 3D printing and laser cutting operations for students and staff while maintaining the equipment within the College of Art, Media, and Design's makerspace
- Instruct students on Meshmixer, AutoCAD and Adobe Illustrator for digital fabrication

CUSEUM
Apr - Jun 2020
Software Development Intern
- Developed conversational web interface as a prototype for a fully contactless ticketing kiosk in Vue
- Created Flutter proof-of-concept mobile app for detecting distances between devices using BLE

TOAST
Jan - Apr 2020
Software Engineer Co-op
- Added several 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 tool for configuring Toast Drop Points
- Added feature to existing Groovy web tool allowing restaurants to manage their digital presence
- Facilitated user research and investigated analytic data to aid in prioritizing the team's goals

CHEWY
Jan - Jun 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 Graphics | 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 - Jun 2017
Program: 3D Animation and Game Development
Activities: Skills USA - 3D Visualization and Animation (placed 2nd at state level)

NORTHVIEW HIGH SCHOOL
Sept 2013 - June 2017
Activities: Policy Debate | Gay-Straight Aliance | Colorguard
Honors: 4.3 / 4.0 GPA | Dean's List | National Honor Society

SKILLS

Languages
JavaScript
HTML
CSS
Java
Swift
SQL
Dart
Kotlin
R
Processing

Frameworks + Tools
Vue.js
React.js
Git
WebGL
Three.js
Flutter
Travis CI
NativeScript
Spring

Software
Autodesk Maya
Autodesk 3DS Max
ZBrush
Substance Painter
Sketchup
MeshMixer

Adobe Photoshop
Adobe Illustrator
Adobe InDesign
Adobe Premiere
Adobe AfterEffects
InVision

INTERESTS

Augmented / Virtual Reality
Generative Art
Video / Tabletop Games
Dance (Contemporary, Jazz)
Psychology