

Arielle Bishop

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(616) 206-6286 | 744 Columbus Ave #1600 | Boston, MA 02120
Availability: Jan-June 2020

EDUCATION

- NORTHEASTERN UNIVERSITY**, Boston, MA Sept 2017 - Present
Khoury College of Computer Science
Candidate for a Bachelor of Science in Computer Science and Media Arts Expected May 2022
Activities: Performer for Blessed Sacrament Colorguard, placing at international finals
GPA: 3.589
- KENT CAREER TECH CENTER**, Grand Rapids, MI Sept 2016 - May 2017
Dual-Enrollment Program: 3D Animation and Game Development
Activities: 2nd in competition at Skills USA Michigan for 3D Visualization and Animation
- NORTHVIEW HIGH SCHOOL**, Grand Rapids, MI Sept 2012 - May 2017
Honors: 4.3/4.0 GPA | Dean's List | National Honor Society
Activities: Policy Debate | Gay-Straight Alliance | Colorguard

KNOWLEDGE

Languages: Java | PostgreSQL | Processing | Racket | JavaScript | HTML | CSS
Frameworks: Spring | Vue.js | Node.JS | Swing
Software: IntelliJ | Eclipse | pgAdmin | Autodesk Maya | Autodesk 3D Studio Max | SketchUp Make | Audacity
Adobe Photoshop | Adobe Illustrator | Adobe Premiere | Adobe AfterEffects

PROJECTS

- Designed and implemented the Ship Route Manager [SRM] to allow users to easily manipulate and validate contents of database via a graphical interface (Java, PostgreSQL, Vue.js)
- Developed an application for production and editing of animations with a full graphical interface (Java, Swing)
- Created a VR game in Unity where the user navigates between scenes using eye contact (C++)

EXPERIENCE

- ZERO VFX**, Boston, MA Sept – Dec 2019
Animation Intern
 - Conducted individual project investigating particle effects in Houdini
- CHEWY**, Boston, MA Jan – June 2019
Software Engineering Co-op
 - Designed SRM database schema in PostgreSQL, using Flyway to automate any updates
 - Set up SRM's Hikari Connection Pool and custom JDBI methods to interact with database
 - Implemented SRM backend logic for excel parsing and validation in Java, as well as Jetty Servlet and REST APIs
 - Collaborated with senior UX developer to design wireframes for SRM
 - Developed frontend interface for SRM as a Single Page Application with Vue.js

INTERESTS

Virtual Reality | Video Games | Contemporary Dance & Color Guard | Psychology

References available upon request