

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	
<i>Candidate for a Bachelor of Science in Computer Science and Media Arts</i>	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	
<ul style="list-style-type: none">Conducted individual project investigating particle effects in Houdini	
CHEWY , Boston, MA	Jan. – June 2019
Software Engineering Co-op	
<ul style="list-style-type: none">Designed SRM database schema in PostgreSQL, using Flyway to automate any updatesSet up SRM's Hikari Connection Pool and custom JDBI methods to interact with databaseImplemented SRM backend logic for excel parsing and validation in Java, as well as Jetty Servlet and REST APIsCollaborated with senior UX developer to design wireframes for SRMDeveloped 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