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 Sciences

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: 3.632

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 Animation and Storytelling

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, 3D Studio Max | SketchUp Make | Audacity
              Adobe: Photoshop, Illustrator, InDesign, Premiere, AfterEffects

PROJECTS

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

WORK EXPERIENCE

CHEWY, Boston, MA   Jan. – June 2019
Software Engineering Co-op

- Designed & Implemented Ship Route Manager project, including:
    - Database: schema, connection pool, db management methods (PostgreSQL, Hikari CP, JDBI)
    - Backend: excel parsing & validation, REST APIs, servlet (Java, Spring Framework, Jetty)
    - Frontend: user interface, file upload (Vue.JS)
- Collaborated with senior UX developer to design wireframes for Ship Route Manager.

ZERO VFX, Boston, MA   Sept. – Dec. 2019
Animation Intern

- Conducted individual project investigating particle effects in Houdini.

INTERESTS

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

Portfolio can be found on personal website. References available upon request.