

JENNIFER DER

<https://jennder.github.io/>
(978) 799 7166 | der.je@husky.neu.edu

450 Parker St, #7088 | Boston, MA, 02115

Available: January – June 2019

EDUCATION

Northeastern University, Boston, MA

September 2016 – present

College of Computer and Information Science

Candidate for Bachelor of Science in Computer Science and Media Art

Expected 2021

Honors: Dean's List

GPA: 3.6/4.0

Related Courses: Computer Graphics, Object-Oriented Design, Algorithms & Data Structures, Database Design, Logic & Computation, Linear Algebra, Discrete Structures

Art Courses: Video Basics, Photo Basics, 4D Fundamentals: Sequence, 3D Fundamentals: Structure, 2D Fundamentals: Surface, Observational Drawing

Leadership: NU Chinese Student Association (Executive Board, Media & Design Specialist)

Organizations: NU Women in Technology, Northeastern Animation Student Association, Hackathons (MIT Hacking Arts, Hack Beanpot, WHACK)

TECHNICAL SKILLS

Languages: Java, C++, Racket, SQL, Ruby, HTML, CSS, Python, Typescript, OpenGL

Technologies: Git, Angular, JUnit, Selenium Webdriver

Software: **CS:** Visual Studio Code, IntelliJ, MySQL, Eclipse **Art:** Adobe Creative Suite

Operating Systems: Windows 10, Linux (Ubuntu), MacOS

PROJECTS

Classwork: 3D Model Parser (C++, OpenGL), Animator (MVC, Java)

MIT Hacking Arts: Motion Sculpting (Python, Axis Neuron, Rhinoceros)

Noitom Brand Challenge Winner, <https://devpost.com/software/motion-sculpting>

WORK EXPERIENCE

Northeastern University, Boston, MA

September 2017 – present

Teaching Assistant for Fundamentals of Computer Science I

- + Lead students through exercises during lab and office hours
- + Encourage students to think critically about problem solving relating to key course concepts
- + Grade problem sets, and exams written in Racket and related Student Languages
- + Participate in weekly meetings with course faculty to discuss student concerns and questions

Massachusetts Medical Society, Waltham, MA

January 2018 – June 2018

Software Quality Assurance Engineer and Analyst

- + Manually tested the New England Journal of Medicine website and weekly email newsletters
- + Worked with a senior engineer to develop a framework to manage seminar attendance for more than 800 attendees at annual meeting
- + Wrote and executed SQL database queries
- + Collected, processed, and analyzed user traffic data for the business users
- + Automated user interface test scripts using Ruby and Selenium Webdriver

SIGGRAPH Conference, Vancouver, BC, Canada

August 2018

Student Volunteer

- + Work in a team to carry out integral operational tasks for 16,000+ attendees at the conference

INTERESTS

flatpack furniture + photography/film + running + sculpture + music + baking + coffee

References upon request