

# JENNIFER DER

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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, SQL, C++, Racket, HTML, CSS, Python, GraphQL

**Frameworks:** Angular, Node.js, JUnit

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

## PROJECTS

**Classwork:** Easy Animator (MVC + Java), Art Database (SQL + 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

*Student Tutor 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*