

Nancy L. Tran

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Education

Northeastern University, Seattle, WA

Expected Degree in 2021

Master of Science in Computer Science – Align, GPA: 4.0/4.0

Relevant courses: Intensive Foundations in Computer Science, Discrete Math/Data Structures, Computer Systems, Algorithms, Object-Oriented Design, Special topics in Software Engineering (UI)

Bates College, Lewiston, ME

2016

Bachelor of Science in Biological Chemistry, Physics Minor, GPA: 3.51/4.0

Thesis: Role of Nrf1 in the transcriptional response to mono(2-ethylhexyl) phthalate (MEHP) exposure in zebrafish (*Danio rerio*)

Technical Skills

- Experience coding in Python, Java, and C
- Working knowledge of HTML, CSS, JavaScript, Bootstrap, and React
- Proficiency in Vim, IntelliJ, Visual Studio Code, Microsoft Word, PowerPoint, Excel, and Google sheets

Projects

League Scheduler

4/2019 - Present

- Project for DiscNW, a non-profit that hosts adult and youth ultimate leagues and tournaments in the Seattle area. Creating a program that helps create a schedule for their adult team league using Python.

Othello

12/2018

- Final project for Intensive Foundations in Programming at Northeastern University. Created a playable game of Othello using Python and Processing 3. Implemented a computer opponent to make strategic moves.

Experience

Northeastern University, Seattle, WA

Graduate Teaching Assistant

10/2018 – Present

- Assist Computer Systems (Summer 2019) and Intensive Foundations of Computer Programming (Spring 2019).
- Support students by facilitating lab recitations, hosting office hours, providing 1-1 tutoring, and grading assignments.
- Create additional weekly supplemental material to support course work.

Computing Kids, Seattle, WA

Teacher

10/2018 – 5/2019

- Instruct after-school enrichment computer science classes to elementary school students.
- Utilize Code.Org Hour of Code, Edison Robots, and Scratch as computer science learning vehicles to teach students.

Rainier Scholars, Seattle, WA

6/2018-8/2018

Teacher

- Rainier Scholars is a program that offers a pathway to college for hard-working, low-income students of color.
- Instructed genetics to three classes of 13-14 sixth grade students five days a week.
- Adopted curriculum within the 6 week teaching period and supported curriculum development through creation of new hands-on, interactive activities.

University of Washington, Seattle, WA

8/2016 – 6/2018

Assistant Research Scientist

- Independently conduct experiments utilizing gene-editing tool CRISPR/Cas9 to screen for genes involved in hair cell regeneration in zebrafish.
- Manage files for data sharing and analysis using Microsoft Excel and Google Sheet.

Leadership and Volunteer Work

Rainier Scholars, Seattle, WA

6/2005 – Present

Alumni Council Co-President (2017-2018)

- Participated in a rigorous 11-year academic and leadership enrichment program for students of color.
- Lead monthly meetings and delegate tasks and responsibilities to organize events that help increase alumni donor participation and strengthen relationships between alumni and current students in the program.

Women in Tech Discussion Group, Northeastern University

11/2018 – Present

- Started a Women In Tech discussion group
- Assist in organizing events and navigating discussion topics for monthly meetings.