

# Po-Hsuan (Emily) Chiang

chiang.po@northeastern.edu | (908)-339-7766 | Bellevue, WA 98004

LinkedIn: <https://www.linkedin.com/in/emily-chiang-244243167/>

Internship Available: May 2021 – Dec 2021

## Education

### Northeastern University

M.S in Computer Science, GPA 3.9

Related Courses: Object-Oriented Design, Algorithm, Computer System

Database Management Systems, Foundation of Software Engineering

Seattle, WA

Sep. 2019 – Present

Expected Graduation: May 2022

### University of Washington

B.S. in Molecular, Cellular and Developmental Biology

Seattle, WA

Sep. 2014 - June 2018

## Technical Knowledge and Other Skills

- Computer Languages: Python, Java, C, SQL
- Software/ System: IntelliJ, Visual Studio, Git, Linux, Wireshark.
- Human Languages: English, Chinese, Japanese.

## Projects

### Hungry Hippo Food Delivery App

Skill: Java, GitHub

- Building a full stack food delivery web application using MVC architecture.
- Using Agile workflow to define project scope and conducting weekly stand up to set weekly milestones.
- Integrating Java with MongoDB as the web application database.
- Using Spark Java web framework to run our web application.

### Othello Game

Skill: Python, GitHub

- Programmed an interactive Othello game using Processing application to allow player to compete against computer.
- Implemented recursive algorithms to validate and store legal moves as a set for each turn.
- The game calculates and display the winner along with their respective scores. Additionally, each player's score is stored in an external file, and read through file using os module.

### Command Line Todo Application

Skill: Java, GitHub

- Developed a system allowing users to add and track the status of their task using MVC architecture.
- Utilized a HashMap to organize command line arguments, and to store and organize information from a CSV file.
- Conceptualized sortable custom objects to enable filtration of task.
- Collaborated with team using Git version control.

## Extracurricular Experience

### Student IT Architecture Competition 2020

SITAC Organization

Seattle, WA

Sep. 2019 – May 2020

- Proposed a system architecture for a habit forming App to promote lifelong learning.
- Designed infrastructure architecture by incorporating Microservices and Azure Kubernetes Service.
- Created prototype to showcase App functionality and user experience.

## Work Experience

### Northeastern University – Khoury College of Computer Science

Teaching Assistant

Seattle, WA

Aug. 2020 – Present

- Lead one-on-one tutor sessions, review sessions, and labs.
- Assisted students by holding office hour, grading assignments, answering questions through online discussion board.
- Communicated with professor and other TAs to coordinate schedule and course work.