

ANDREW JACKSON LE

Software Engineer

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EDUCATION

Washington State University

B.S. in Computer Science

August 2019 - Present

Pullman, WA

Relevant Coursework

Advanced Data Structures & Algorithms

Introduction to Database Systems

Software Engineering I

Bellevue College

A.S.

Bellevue, WA

Relevant Coursework

Fundamentals of Computer Science I & II

TECHNICAL SKILLS

Languages	Java, Python, JavaScript, C#
Frontend	HTML5, CSS
Backend	PostgreSQL, Flask
Other	Git, Github

PROJECTS

Boids

📄 github.com/AndrewJLe/BoidProject

Boids is an artificial life program that simulates the behaviour of birds, fish, and swarms

- Developed a rudimentary physics engine to simulate Boid movement
- Modeled various Boid behaviours and created algorithms for it using JavaScript
- Built custom libraries for 2D vector operations and mathematical calculations
- Designed and assembled a GUI Boid Controller enabling user interaction and visualization of Boid's steering vectors and field of view using HTML, CSS, and JavaScript

Yelp Data Search Application

📄 github.com/AndrewJLe/Yelp-Data-Search-Application

This app queries a large data set and extracts information about local businesses and Yelp users

- Generated Python scripts to parse and insert a data set containing over 3 million objects
- Designed the Entity-Relationship model for the application and translated it into a Relational Schema
- Wrote complex queries for the application's search functionality using SQL and C#

WORK EXPERIENCE

Tsukushinbo

Server, Host, Assistant Chef, Dishwasher

August 2017 - July 2019

Seattle, WA

- Effectively communicated with the front-end and back-end of the restaurant to ensure both the team's and customer's needs were met.
- Cooked a wide variety of dishes ranging from appetizers to main course dishes and performed food preparation duties.
- Analyzed and recorded daily sales reports to ensure sufficient amount of ingredients and supplies