

Ngoc 'Dewey' Nguyen

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TECHNICAL SKILLS:

- Programming Languages: C++, C#, Java, Python, HTML, CSS
 - Concepts: Data Structures, Algorithms, Management, and Software Engineering Processes
 - Operating Systems: Windows, Linux, macOS
 - Computer Hardware: Build/Upgrade modern PCs/laptops
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EDUCATION:

BS in Computer Science and Software Engineering (Expected Graduation in June '20)

University of Washington Bothell (Bothell, WA)

COURSEWORK:

Operating Systems, Computer Simulation, Principles of Human-Computer Interaction, Data Structures and Algorithms, Analysis and Design, Managing Principles for Computing Professionals, Software Engineering Processes, Technical Writings

PROJECTS:

Movie Rental System (C++):

- Implemented a movie rental system using a wide range of data structures
- Applied polymorphism to make the system extendable for the future

Twitter Sentiment Analysis (Python):

- Worked with Twitter data; created a parser to read through JSON files from Twitter
- The program generates a map that indicates the average sentiment score for each state in the U.S

Parking Lot Simulator (Python):

- A Monte Carlo simulation using random numbers to simulate the congestion of UW Bothell parking lots
 - Scraped data from the school class schedules to generate an appropriate distribution for RNGs
 - Object-oriented with rooms to expand in the future
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ACTIVITIES:

Vietnamese Student Association (Western Washington University in Bellingham, WA)

Secretary (Sept '15 - June '16):

- Organized officer meetings weekly
- Developed meeting agendas weekly
- Record-keeping (attendance, budgeting)

Vice President (Sept '16 - June '17):

- Led a 10-man team throughout the school year
 - Organized general meetings weekly
 - Coordinated projects with the school administration
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WORK EXPERIENCE:

Cashier (July - Sept '18)

Pho Hoa Restaurant (Redmond, WA)

- Provided dining service; process cash, credit card, voucher for the register
- Helped with the opening/closing procedure and inventory restocking