

Joshua Fancher

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Carrer Objective

Yearning to be a part of an amazing engineering team creating software with immense positive impact. Passionate about cloud and cloud engineering paradigm. I'm eager to contribute technical knowledge and work with an innovative team while gaining joy in the process of building industry leading software.

Education

Northeastern University MSCS Align, Seattle, WA

Anticipated Graduation: May 2027

Candidate for Master of Science in Computer Science (Align)

Relevant Courses: Object-Oriented Design, Data Structures, Foundations of Networking, Algorithms, Foundations of Cloud

Washington State University, Pullman, WA

Doctorate of Pharmacy

2009

Bachelors of Business Administration, Decision Science

2007

Technical Knowledge

Programming Languages: Python | Java | C++ | SQL

Certifications: AWS Certified Cloud Practitioner

Other Technologies: HTML | CSS | Git | Excel | PowerPoint | Draw.io | IntelliJ | eclipse | Pycharm | R | Tableau

Managerial Mantra: Humility | Energy | Efficiency | Accountability | Respectful Workplace | Team

Projects

Inventory tracking with Database development and JSP Web Frontend (Java, MySQL, JDBC, JSP Templates, Apache Tomcat)

- Built an application end-to-end with database development enabling non-volatile storage of data.
- Program tracked the virtual inventory of a character in Final Fantasy XIV.
- Logical model design in draw.io highlighting primary keys, foreign keys, cardinality and modality.
- Physical model developed with data types, not null, unique fields, and explicit constraints for DB modifiability.
- JSP to allow HTML, CSS, JSTL with embedded Java for dynamically created pages.
- MySQL database backend connected to java via JDBC. GET and POST request handling with servlets.
- Java objects transformed into SQL statements to perform CRUD operations. Parameterized input statements to guard against SQL injection attacks. DB is queryable from frontend via JDBC API.

Parsing Data with Sequential Object Creation, C++

- Parsed CSV file with > 5,000 records, transformed each record into an object.
- Data consisted of Air Quality Sensor data from a metropolitan Italian city.
- Generated summary statistics with informative output, highlighted critical data values.

Physical Inventory Tracking System, C++

- Created a Real-time inventory management system for retail store items.
- Engineered a command line a user menu for seamless object creation, deletion, status-updates, and manual edits.

Professional Experience

Rite Aid Pharmacy, Pharmacy Manager | Staff Pharmacist

2020 – Present

- Dispensing, counseling, managed the development, and performance of 10 staff members.

Interests / Activities

- Foodie, Travel, Table Tennis, Hiking, Fantasy Football, E-bikes