

Finn Doornweerd

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Portfolio: <https://fdoornweerd.github.io>

EDUCATION

Washington University in St. Louis - McKelvey School of Engineering

St. Louis, MO

B.S. in Computer Science and Finance

Expected May 2026

- GPA: 3.93/4.00
- Honors: Dean's List (all applicable semesters), 2023 St. Louis Entrepreneurial Fellow

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Software Development, Introduction to Data Science

Technical Skills: Java, JavaScript, Python (NumPy, PyTorch, Pandas), C++, SQL, MATLAB

EXPERIENCE

Swipesum

St. Louis, MO

Software Engineer Intern

June 2023 - Present

- Integrated fee extraction for various types of credit card processing statements by writing 30+ scripts, increasing efficiency by 34%
- Automated SQL query generation process which categorized 300+ fees, increasing efficiency by 70%
- Designed a system to improve OCR text extraction precision, increasing accuracy by 15%
- Executed and wrote 35+ test cases for Visa's TGS program in collaboration with a Visa Director

Consult Your Community

St. Louis, MO

Consultant

January 2023 - Present

- Identified 6+ <\$5mm annual revenue companies for a St. Louis B2B AI startup to consider acquisition by using Pitchbook to present relevant M&A opportunities to C-Suite executives
- Specialized in IT and HR verticals by conducting market research on 30+ related firms in STL region

PROJECTS

LinguaLink

Team

- Awarded 3rd place at WashU's 2023 Hackathon by building a website that matches language learners
- Developed an algorithm to connect similar users, a pathway to call with matches, and chatbot that converses with users in their desired language
- Utilized Angular for frontend, Supabase for the database, and the OpenAI API for the chatbot

Fully Connected Neural Network

Individual

- Implemented a FCNN from scratch using NumPy trained with the MNIST digit database
- Achieved a 95% accuracy that was attained using optimization features like dropout and momentum

LEADERSHIP

Washington University in St. Louis- McKelvey School of Engineering

St. Louis, MO

Undergraduate Teaching Assistant - Data Science Playground

July 2023 - Present

- Partnered with professor to teach and assist 50+ students with topics including data visualization, data cleaning, and machine learning models such as linear regression and KNN

Alpha Kappa Psi Professional Fraternity

St. Louis, MO

Director of External Affairs

May 2023 - Present

- Coordinated and expanded Corporate Sponsorship Program to increase internal scholarships
- Organized alumni database and connected with 350+ alumni to enhance relations

ADDITIONAL

- **Extracurriculars:** Alpha Kappa Psi, WashU Powerlifting Team, Hack WashU, STRIKE Magazine
- **Interests:** Sewing, Soccer, Thrifting, Knitting, Hip-Hop Dance