

# Finn Doornweerd

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

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## EDUCATION

### Washington University in St. Louis - McKelvey School of Engineering

St. Louis, MO

Bachelor of Science | Computer Science Major, Finance Minor

Expected May 2026

- GPA: 3.94/4.00

- Honors: Dean's List (All Sems.), 2023 St. Louis Entrepreneurial Fellow, ACRA First Team All-Academic

**Coursework:** Data Structures and Algorithms, Object-Oriented Software Development, Rapid Prototype Development

**Languages:** Java, Python, Javascript, C/C++, SQL, Matlab, TypeScript, HTML/CSS

**Technologies/Tools:** Node.js, React, Angular, Flask, Express.js, MongoDB, Snowflake, Docker, Terraform

## EXPERIENCE

### Reinsurance Group of America

St. Louis, MO

Software Engineer Intern

June 2024 - August 2024

- Leveraged DBT to optimize and automate data management workflows in Snowflake, boosting productivity for 100+ developers
- Enhanced the functionality of an internal-use API on AWS Lambda, implemented full test coverage, and utilized Terraform for infrastructure deployment
- Implemented a Jenkins pipeline and webhook integration, streamlining development workflows for 40+ developers and enhancing productivity

### Swipesum

St. Louis, MO

Software Engineer Intern

June 2023 - June 2024

- Designed and implemented fee extraction for various types of credit card processing statements by writing 110+ scripts, increasing efficiency by 34%
- Automated the SQL query generation process categorizing 1,500+ fees, increasing efficiency by 70%

## PROJECTS

### WashU Course Reviews (Node.js | Express.js | React | MongoDB | Selenium)

Individual

- Created, deployed, and maintained a website hosted on an AWS EC2 instance that allows WashU students to find and review courses, currently with 1,200+ reviews and 450+ courses reviewed
- Built a web-scraper which semesterly adds and updates information for 3500+ courses found online

### LinguaLink (Angular | Supabase | OpenAI API)

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

## LEADERSHIP

### Consult Your Community

St. Louis, MO

Engagement Manager

January 2023 - Present

- Guided a team of 5 on a pro-bono consulting engagement with an arts foundation non-profit, researching economic development opportunities and developing strategies regarding engagement
- Coordinated and led meetings with the client to provide project updates and present recommendations

### Alpha Kappa Psi Professional Fraternity

St. Louis, MO

Recruitment Director

December 2023 - May 2024

- Responsible for the management of rush events for 200+ students in collaboration with a team of 3

Director of External Affairs

May 2023 - December 2023

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

## ADDITIONAL

- **Extracurriculars:** WashU Club Rowing, WashU Club Powerlifting, STRIKE Magazine
- **Interests:** Fashion Design, Beekeeping, Sailing, Hip-Hop Dance, Beatboxing