

Christian Doucette
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<https://christian-doucette.github.io/>

EDUCATION

The University of Chicago

BS in Computer Science and BS in Math

Cumulative GPA: 3.88/4.0

Honors: Dean's List for all quarters

Chicago, IL

Expected, June 2022

Relevant Courses: Databases, Math of Machine Learning, Computational Linguistics, Honors Intro to Computer Science, Discrete Math, Intro to Computer Systems, Algorithms, Linear Algebra, Accelerated Real Analysis

EXPERIENCE

recreaish

Software Development Intern

Remote

April 2020 – August 2020

- Developed, launched and maintained Ruby on Rails application for startup with 200+ users
- Implemented venue finder tool, emails with Sendgrid API, share feature, and password reset
- Independently developed React Native webview app with Firebase Push Notifications

Everest Reinsurance

Summer Intern

Liberty Corner, NJ

June 2019 – August 2019

- Reconstructed hail risk model using SQL table and query, end result runs ten times faster
- Built C# windows service to notify by email when analysis finishes

PERSONAL PROJECTS

[Tolkein Text](#)

- Implementation of Neural Network Language Model with LSTM architecture in Pytorch
- Generates new text based on *The Lord of the Rings* using the trained network
- Preprocesses and tokenizes raw text for use as training data

[Spotify Unlocked](#)

- Ruby on Rails web application that integrates with Spotify API
- Displays data and analytics for songs, artists, albums, and users
- Generates chords for songs using chord recognition from pitch vectors

SKILLS AND INTERESTS

Programming Languages:

Python, Ruby, C (proficient)

SQL, Javascript, Rust, Haskell (experience)

Libraries/Frameworks:

Ruby on Rails, Pytorch, NumPy, React Native

Other Technologies:

Git, Heroku, PostgreSQL, pgAdmin

Interests:

Guitar, running, lifting