

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

St. Andrew's School

Diploma

Senior Year GPA: 95.9/100

Honors: Summa Cum Laude

Middletown, DE
June 2018

EXPERIENCE

recreaish

Software Development Intern

Remote
April 2020 – August 2020

- Developed, launched and maintained Ruby on Rails application for startup
- Fixed bugs and added new features on production for 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
- Independently applied for and approved by iOS App Store and Google Play Store

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
- Created excel sheet that uses VBA to edit and store notification preferences

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

Programming Languages: C, Python, Ruby, Javascript, Haskell

Frameworks: Ruby on Rails, React Native

Other Technologies: Git, Subversion, PostgreSQL

Python Libraries: Pytorch, NumPy