

CONNOR DOUGLAS

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EDUCATION

WASHINGTON UNIVERSITY IN ST. LOUIS – B.S. EXPECTED IN 2022

Major in Computer Science + Economics, Minors in Math and Design

GPA: 3.97/4.0

Honors - *Tau Beta Pi, Upsilon Pi Epsilon, Dean's List, Award of Merit in Technical Communications for "Code Save the People: Can Blockchain Save our Democracy"*

Relevant Coursework - *Artificial Intelligence, Data Science, Machine Learning, Data Structures + Algorithms, Full-Stack Web Development, Nonlinear Optimization, Computational Macroeconomics, Game Theory, Econometrics, Health Economics*

EXPERIENCE

WASHINGTON UNIVERSITY, UNDERGRADUATE RESEARCHER – SEPT. 2020 - SEPT. 2021

First author on publication *Computing an Optimal Strategy in a Baseball At-bat*

Summary: Game theoretic approach to finding equilibrium in a baseball at-bat

Methods used: Markov Decision Processes, convolutional neural networks, linear programming

GENENTECH, SOFTWARE ENGINEERING INTERN – SOUTH SF, CA – MAY 2020 - MAY 2021

Primary author on patent *Techniques for Abstraction of Unstructured Clinical Trial Health Data*

Summary: Developed processes to generate structured data from original clinical trial protocol documents

Project lead in developing full-stack clinical study management tool

Designed and built front-end of Q/A tool

WASHINGTON UNIVERSITY, TEACHING ASSISTANT – SEPT 2019 - MAY 2020

Data Structures and Algorithms (CSE 247) Teaching Assistant

Led recitation sessions for discussion of time complexity and algorithm theory

Held office hours for programming and theory questions

HT PARTNERS, SOFTWARE DEV. INTERN – CENTERBROOK, CT – SUMMER 2019

Designed and developed full-stack internal investment management review software

HEALTHVENTURE, SUMMER ANALYST – NEW HAVEN, CT – SUMMER 2018

Performed due diligence and market analysis for potential portfolio companies

Compiled bi-weekly investment reports for digital health related industry news

Organized and formatted financial statements

BLOOM NEPAL SCHOOL, INTERIM TEACHER - KATHMANDU, NEPAL - SPRING 2018

Developed a Python curriculum for school's computer science club

Taught math and English to students in grades 3-7

CAMPUS LEADERSHIP + ACTIVITIES

PRESIDENT - TAU BETA PI HONOR SOCIETY

TREASURER - ENGINEERS WITHOUT BORDERS

ACADEMIC INTEGRITY OFFICER - MCKELVEY SCHOOL OF ENGINEERING

SCHOLARSHIP CHAIR - THETA XI, IOTA CHAPTER

THURTENE HONORARY

CLUB LACROSSE

SKILLS

Adobe Illustrator | Adobe Lightroom | CSS | Flask
HTML | Java | JavaScript | NodeJS | PHP | Python
Microsoft Excel TensorFlow

HOBBIES & INTERESTS

Graphic Design | Hiking | Lacrosse Photography | Rowing
| Running | Snowboarding | Weight Lifting