

Connor Duncan

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Eager, motivated and analytical mathematician with experience in optimization, data science, software development and physics. Seeking to apply my passion for math to technology in an environment that fosters professional and intellectual growth.

EDUCATION

2022–	UNIVERSITY OF ILLINOIS AT CHICAGO <i>M.S. in Applied Mathematics</i> 3.86/4.0 GPA
2017–2021	UNIVERSITY OF CALIFORNIA, BERKELEY <i>B.A. in Physics; B.A. in Applied Mathematics</i> 3.366/4.0 GPA

EXPERIENCE

SUMMER 2023	INVESCO <i>ETF Portfolio Management Intern</i> <ul style="list-style-type: none">◇ Used Dash, AG-Grid and Snowflake to develop quantitative tools tracking rebalance schedules, index changes and trading fees.◇ Answered ad-hoc requests as required.
2022–	UNIVERSITY OF ILLINOIS AT CHICAGO <i>Teaching Assistant (Algebra & Linear Algebra)</i>
SUMMER 2020	NATIONAL RENEWABLE ENERGY LABORATORY <i>SULI Intern</i> <ul style="list-style-type: none">◇ Developed JavaScript application visualizing the projected socioeconomic impact of environmental policy changes in the Los Angeles Area
2018–2020	UNIVERSITY OF CALIFORNIA, BERKELEY; SLAC <i>Research Assistant, Pyle Group</i> <ul style="list-style-type: none">◇ Assisted with installation of Helium Dilution Refrigerator◇ Assisted with Linux server administration (bare metal) and DAQ Dashboard development.

TECHNICAL SKILLS

PYTHON	◇ WSGI implementation using Flask, including streaming applications.
JAVASCRIPT	◇ React, ag-grid, visx, node.
LINUX	◇ Enterprise distributions such as RHEL and Debian. ◇ systemd, administering apache/nginx, sshd, Coreutils, network configuration. ◇ Daily Arch Linux user since 2018.
ADDITIONAL	◇ SQL, Redis, Git (incl. Bitbucket Pipelines), scripting (zsh), rsync, MATLAB, C, LabView, \LaTeX , HTML/CSS, vim, Excel, Bloomberg.

OTHER

SPANISH	◇ Conversational speaker.
INTERESTS	◇ AT WORK: Numerical Methods in Partial Differential Equations, Linux Administration, Data Science, Performance Optimization. ◇ AFTER WORK: Piano, Traveling, Strategy Games (e.g. Stellaris).