

CHARLIE OESTREICHER

+1(914) 215-2957 ◇ Westchester, NY ◇ charles.oestreicher@duke.edu ◇ linkedin.com/in/charlieoestreicher

EDUCATION

Duke University, BS in Computer Science, Minor in Finance

Durham, NC || Expected 2024

- Cumulative GPA: 3.97/4.00
- Relevant Coursework: Data Structures and Algorithms, Computer Systems, Natural Language Processing, Probability & Statistics, Discrete Mathematics, Multivariable Calculus

EXPERIENCE

Magnetar Capital

June 2022 - August 2022

Alternative Credit & Fixed Income Intern

Evanston, IL

- Modeled forecasted financial statements and used sensitivity analyses to determine pro-forma liquidity and default risk for high-yield credits. Ran regressions to identify powerful market influences.
- Analyzed purpose-built student housing communities by IRR heat maps, NOI projections, location, and amenity packages. Presented all findings to senior management. Worked in Microsoft Excel and Python.

Undergraduate Teaching Assistant

January 2022 - May 2022

Duke Computer Science Department

Durham, NC

- Held weekly office hours to support any of the 250 students enrolled in Discrete Mathematics For Computer Science (CS230).
- Graded exams and assignments each week and provided feedback to students' code and proofs. Was responsible for answering students' questions and concerns on the online class forum.

Duke Physics Department

August 2021 - December 2021

- Work Study position updating and creating Wikipedia pages for distinguished professors within the department

Private Tutor

December 2017 - Present

- Built a network of more than 10 loyal clients through networking, strong references, and increased experience. Specializes in algebra, calculus, physics, and computer science. Since 2017, hourly rate has more than tripled.

PROJECTS

HackDUKE21 - *third place*

Provided backend coding in Python that effectively managed scheduling in our education application.

Project: github.com/charlieoestreicher/Structify

March Kaggle Tabular Playground 2022 - *top 10%*

Programmed in Python to forecast twelve hours of traffic flow in a metropolis with a highly dynamic traffic network.

Project: github.com/charlieoestreicher/Kaggle

LEADERSHIP

- **Duke Business Society** - *September 2021 - Present*

Interviewed and selected by peers to join a selective group of undergraduates committed to pursuing success.

- **Student Council Class President** - *September 2016 - June 2020*

Elected by my peers all four years of high school to represent my class of over 250 students. Worked closely with administration to address school wide issues. Organized, and led more than ten student activity events.

SKILLS

Languages

Python, Java, C, Racket, Haskell

Tools/Frameworks

Pandas, NumPy, Matplotlib, Selenium, BeautifulSoup, LaTeX, Git, Microsoft Excel

EXTRA-CURRICULAR ACTIVITIES

- Duke University Club Ice Hockey, Pi Kappa Alpha Fraternity, Golf (Index 5.3)