

# Muhammad Furrukh Asif

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## EDUCATION

### **Vassar College | Poughkeepsie, NY**

Expected MAY 2022

- Bachelor of Arts in Mathematics and Computer Science
- GPA: 3.91 / 4.00 ; SAT Score: 1450 (Math: 780, Reading: 670)
- Relevant Coursework: Operations Research, Foundations of Computer Science, Probability, Data Structures and Algorithms, Problem Solving and Abstraction, Methods of Applied Mathematics, Multivariable Calculus, Linear Algebra

### **Nixor College | Karachi, Pakistan**

Graduated MAY 2018

- Cambridge Assessment International Examinations
- Relevant Coursework: Further Mathematics A | Mathematics A\* | Physics A\* | Accounting A\*

## EXPERIENCE

### **Computer Science Coach | Vassar College, Poughkeepsie, NY**

SEP 2019 - PRESENT

- Coach for Introduction to Computer Science II: Data structures and Algorithms for Professor Rui Meireles; use Java programming language.

### **Intern | EFU General Insurance Ltd., Karachi, Pakistan**

JUL 2019

- Shadowed insurance agents and learned about various insurance products and how to engage with clients.
- Entered data regarding premium rates and details of insurance policies into the documents that clients receive.

### **Co-founder/Tutor | HashCode, Karachi, Pakistan**

JUN 2019 - PRESENT

- Launched Phase 1, Introduction to Programming and Introduction to Data Science courses, signing up over 80 students at Pakistan-based Computer Science Educational Start Up.
- Develop a plan of action for Phase-II that involves introduction of and migration to online one-on-one classes and increased course offerings.
- Built business from the ground up, managing all operational, financial and marketing aspects.

### **Content Development Intern | Dot & Line, Karachi, Pakistan**

FEB 2018 - APR 2018

- Created educational content for D&L's blended learning mathematics product including its Android App.

### **Senior Teaching Assistant | Nixor College, Karachi, Pakistan**

SEP 2016 - MAY 2018

- Taught Physics and Accounting one-on-one and also conducted a class at Nixor College Foundation Program.

## ACTIVITIES

### **Treasurer | Vassar Muslim Student Association, Vassar College, Poughkeepsie, NY**

SEP 2019 – PRESENT

- Managed the budget of \$400 and determined how much will be allocated to each event and meeting. Reconciled receipts on every 4th business day of the month and maintained a balance sheet.

### **Founding Member | Hamdard Haath, Karachi, Pakistan**

2015 - PRESENT

- Spearheads distribution of monthly ration packets to the less privileged in Karachi and has been organizing Iftaar drives for the past four year.

## SKILLS

**Computer:** Python, Java, LaTeX, Microsoft Office, Google Apps, Instagram, Facebook

**Languages:** Urdu (Native)