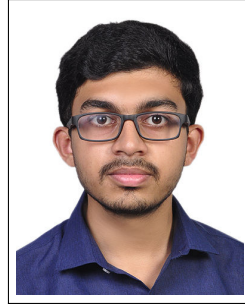# Albert Shaji

Ernakulam-686671
Kerala, India

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Education

2016 – 2019
B.Sc Physics Chemistry Mathematics
Christ University, Bangalore
CGPA: 3.14/4.00

Discipline-Specific Electives
Physics: Analog and Digital Electronics, Quantum Mechanics
Mathematics: Calculus of several variables, Graph Theory

Generic Electives
Teaching Learning
Astronomy and Astrophysics
Health and Psycho-Physiology

2014 – 2016
High School - Science
Kendriya Vidyalaya Vikaspuri, New Delhi
Percentage: 70%

Research Experience

Aug 2019 – Oct 2019
Maximum Entropy Probability Distribution
Raman Research Institute, Bangalore
Guide: Prof. Avinash Deshpande

Apr 2018 – May 2018
Elliptic Functions
Kerala School of Mathematics, Kozhikode
Guide: Prof. M Manickam

Apr 2017 – May 2017
Real Analysis and Metric Space
TIFR - Centre for Applicable Mathematics, Bangalore
Guide: Prof. KT Joseph

Work Experience

Feb 2020 – Mar 2020
Curriculum Developer
Sciensation Society, Hyderabad

Responsibilities
Develop English and Mathematics Curriculum for middle school students.
Attend Brainstorming sessions on Research, Design Thinking, and Philosophy.

Honors and Awards

Mar 2014   **Junior Mathematical Olympiad**
Kendriya Vidyalaya Sangathan, New Delhi
All India Rank: 29

Sep 2014, 2013   **Painting Competition**
Kerala House, New Delhi
Position: First

Workshops and Seminars

Oct 2019   **Manim (Python library for Mathematics Animation)**
Indian Institute of Science, Bangalore

May 2018   **Number Theory and Algebra**
Kerala School of Mathematics, Kozhikode

Mar 2018   **Python Programming**
Christ University, Bangalore

Feb 2018   **Mathematical Analysis**
Christ University, Bangalore

Nov 2017   **Amateur Radio**
Indian Institute of Hams, Bangalore

Feb 2017   **Stellar Astrophysics**
Christ University, Bangalore

Skills

Languages   English (Fluent), Malayalam (Native), Hindi (Fluent)

Software   Linux, SciLab, Maxima

Programming   Python (Intermediate), C++ (Advanced)

Markup   LaTeX (Advanced), HTML-CSS (Intermediate)