

Arnab Banik

abanik@clarku.edu | (508)-410-6381

EDUCATION

CLARK UNIVERSITY

Bachelor in Computer Science + Physics

Expected May 2019 | Worcester, MA
Presidential LEEP Scholarship
Cum. GPA: 3.35 / 4.0

UNIVERSITY OF QUEENSLAND

Chrysalis Young Leaders' Program
May 2019 | Brisbane, Australia

DHAKA COLLEGE

Higher Secondary Certificate
May 2014 | Dhaka, Bangladesh
Conc. in Science
GPA 5.00/5.00 & Placed 25th in
National Merit List | A+ in all
subjects | School Rank: 06/705
| Best Meritorious Student
Award | Prime Minister Medal
for outstanding result.

LINKS

Github:// **cdarnab**
LinkedIn:// **abanik**
Facebook:// **abanik95**

COURSEWORK

UNDERGRADUATE

Algorithms,
Linear Algebra
Oscillations,
Waves & Optics
Methods of Physics
Data Structure
Calculus I & II
Introduction to Physics I & II

MOOCS

Data Structures & Algorithm
Mathematical Thinking
Financial Accounting
Financial Market
Systematic Program Design
Engineering Mechanics
Model Thinking
Harvard CS50

SKILLS

Over 1000 lines:

Java • C • HTML

Familiar:

Python • Unix shell • Git • Python •
FORTRAN • LaTeX • Matlab

EXPERIENCE

CLARK UNIVERSITY ITS | System Administrator Intern

June 2016 - Present | Worcester, MA

- Assist the team of System Administrators in Clark Enterprise System.
- Perform second level-troubleshooting of users issues and routine system check.
- Help to install brand new cluster and ongoing projects.
- Place PBS and Slurm Job script.

DEPT. OF PHYSICS, CLARK UNIVERSITY | Teaching Assistant

September 2016 - August 2016 | Worcester, MA

- Physics 120: Introduction to Physics with Calculus
- Astronomy 001: Exploring The Universe.

DEPT. OF PHYSICS, CLARK UNIVERSITY | Research Assistant

May 2016 – Present | Worcester, MA

- Learnt about Computational Condensed Matter Physics
- Learnt about quantum Monte Carlo Algorithms, Many body System, Polar Molecules, Molecular Lattice System.

PROJECT 'ASHA' | Co-Founder and Chief Executive officer

January 2016 - Present | Worcester, MA

- Design a project for deprived residents of hill tract areas of Bangladesh
- Won a ticket to "Clinton Global Initiative 2016"
- Leading an operation and research team for the development of tribal entrepreneurship.

BLISSFUL SPIRITS | Co-Founder and Executive Director

June 2013 –December 2015 | Dhaka, Bangladesh

- Founded the first non-profit organization that help kids with special needs and trained them with art-therapy
- Led a team of 100 volunteers and staffs.

Launched the first conference on **Autism and Intellectual Disability**.

EDUCATION FOR EVERYONE | Founder and CEO

May 2013 - July 2015 | Worcester, MA

- Led different projects in 20 schools and colleges to popularize online education and MOOCs.
- Became an **Ambassador** for **Coursera Inc.**
- Conducted several workshop and motivational session
- Gave a speech as the youngest speaker at **2nd European MOOCs Stake Holders' Summit** at EPFL Lausanne, Switzerland.

AWARDS

2016	Milburn Research Award By Clark University
2016	Winner at Clinton Global University Initiative
2014	Best Meritorious Student Award by Dhaka College
2006-2014	National Merit Scholar by the Education Board of Bangladesh
2010-2015	Several at National Physics, Mathematics, Earth Science Olympiad