

Adnan Reza

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EDUCATION

University of British Columbia
Master of Science (MSc)
Computer Science

Sep '15 - Apr '18 | Vancouver, Canada

BRAC University

Bachelor of Science (BSc)
Computer Science, Economics

Ranked 1st in CS Program '15
Graduated with Highest Distinction
CS GPA: 3.95/4.0

Jan '11 - Dec '14 | Dhaka, Bangladesh

LINKS

adnanreza.com/projects.html
[linkedin.com/in/adnanreza](https://www.linkedin.com/in/adnanreza)

SKILLSET

Front End:

• JavaScript • NodeJS • AJAX • HTML
• CSS • LESS/SASS • Bootstrap

Back End:

• Java • Python • PHP • MySQL
• Oracle • MATLAB

Tools/Productivity:

• Git • Docker • Bash • MS Office

COURSEWORK

GRADUATE

Algorithms
Machine Learning
Artificial Intelligence
Computer Vision
Computer Networks
Theory of Computation
Microeconomics

UNDERGRADUATE

Relational Databases
Operating Systems
Software Engineering
Compiler Design
Computer Architecture
Game Theory

EXPERIENCE

Graduate Teaching Assistant | Sep 2015 - April 2018

Department of Computer Science
University of British Columbia | Vancouver, BC

- Designed, ran and managed laboratory and tutorial sessions (average class size: 20-30)
- Designed, reviewed, supervised and graded assignments, projects and exams
- Received a Graduate Teaching Assistant Award from the CS Department at UBC
- Courses: Intermediate Algorithms, Relational Databases, Models of Computation

Academic Guide | Jan 2017 - Dec 2017

UBC Continuing Studies
University of British Columbia | Vancouver, BC

- Mentored potential CS graduate students from diverse academic backgrounds
- Held weekly 1-on-1 sessions focusing on the application process to CS grad programs
- Guided students in writing CVs, cover letters and understanding job applications
- Conducted mock-interview sessions to improve students' communication skills

Web Developer | Jan 2017 - May 2017

Collaborative for Advanced Landscape Planning
University of British Columbia | Vancouver, BC

- Performed comprehensive internal assessment of existing CALP websites - recommended ways to reduce hosting costs by streamlining the number of hosting providers based on the bandwidth and technology stack needs of each project.
- Developed online case studies based on designs provided by CALP researchers.
- Maintained existing CALP websites

UBC Health, Patient and Community Partnership for Education
University of British Columbia | Vancouver, BC

- Designed the Patients in Education (PIE) Website
- Conducted needs assessment to identify features members wanted to see in the website.
- Created several design mock-ups, logos to get feedback from members.
- Implemented Google Analytics to track website statistics and audience behavior.
- Created documentation for easy website maintenance and updates in the future.

Co-founder & Software Engineer | Jan 2014 - Aug 2015

Matroid Technologies | Dhaka, Bangladesh

- Full Stack Web Development using HTML5/CSS3, JavaScript, PHP and MySQL.
- Communicated with clients, translated user requirements into working applications and ensured on-time delivery.
- Recommended ways to simplify website maintenance via on-site training.

Teaching Assistant | Jan 2013 - July 2015

Department of Computer Science & Engineering, Department of Economics
BRAC University | Dhaka, Bangladesh

- Held office hours and conducted tutorial sessions on an individual and group basis
- Courses: Data Structures and Algorithms, Programming in Java, Digital Logic Design
- Statistical Methods for Economics, Microeconomics, Discrete Mathematics

AWARDS

2017 Graduate Teaching Assistant Award, UBC Computer Science
2015 Vice Chancellor's Gold Medal, BRAC University
2011-14 Vice Chancellor's List, BRAC University - 6 Semesters
2011-14 Dean's List, BRAC University - 4 Semesters