# Satadru Satadal Roy

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## EDUCATION

- **York University**  Toronto, ON
  *Bachelors of Arts in Geography*  *Class of 2023*

## EXPERIENCE

- **York University - Lassonde School of Engineering**  Toronto, ON
  *Student Associate of Lassonde Engineering Society*  *October 2019 - April 2020*
  - Organized and volunteered in various community building events as well as academic-oriented competitions for Lassonde Engineering Society

- **York University - Lassonde School of Engineering**  Toronto, ON
  *Events and Volunteers Assistant*  *August 2018 - October 2019*
  - Helped facilitate diverse set of events such as hackathons, engineering competitions, award ceremonies, and campus tours

## PROJECTS

- **KoalityAuth (Hack Lassonde)**: Smart authentication system that uses multiple layers including machine learning-based facial recognition to prevent unauthorized software use. It also tracks users' IP addresses to verify license compliance.
- **Mental Health Chatbot (RU Hacks)**: Social media based chat-bot that can provide support and immediate assistance for people struggling with their mental health.
- **Sustainable Database Management**: Efficiency-oriented process that receives client service requests through Google Forms and links it to Google Sheets for data collection and record management.

## SKILLS

HTML, CSS, JavaScript, C, C++, Java, Interaction Design Strategy, Interaction Artifact Creation, Research and Testing, UX Design, UX Research, User Experience, Product Design Urban Planning and Analysis, Leadership, Creative Problem Solving, Scientific Presentation

## COURSEWORK & CERTIFICATIONS

**Google UX Design Professional Certificate Courses**
1. Foundations of User Experience (UX) Design  2. Start the UX Design Process: Emphasize, Define, and Ideate  3. Build Wireframes and Low-Fidelity Prototypes  4. Conduct UX Research and Test Early Concepts  5. Create High-Fidelity Designs and Prototypes in Figma

**York University Courses**
1. Net Centric Introduction to Computing  2. Atmospheric Pollution (Chemistry Focused)  3. Introduction to World Geography  4. Urban Social Analysis (Focusing the policies and local impacts of urban area) 5. Physical Geography of the City

**NetWorking Courses at AIUB (American International University Bangladesh managed by Cisco Networks**
1. Networking (Switching and Routing) 2. Cyber Security Essentials

## AWARDS

KoalityAuth, Transcore Challenge, 1st prize winner at Hack Lassonde 2019
International Student Merit Award Winter and Summer 2020

## EXTRA-CURRICULAR

Orientation Leader, York University
Tour Guide, Toronto Doors Open 2019 at Bergeron Centre for Engineering Excellence