

# Niloy Kumar Ghosh

Computer Science Student · Software Developer

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## Experience

### Software Developer Co-op · Camis

- Guelph, ON, CanadaSep 2020 - Dec 2020
- Used the Scrum Framework and Jira to contribute to day to day task within a team of six
  - Built components for the Camis 5 web application with TypeScript and Angular 8
  - Developed unit tests when building components using the Jest testing framework

### Coding Instructor · Mastermind Science Society

- Dhaka, BangladeshMay 2020 - Jul 2020
- Collaborated with a group of four to launch an online coding Bootcamp for high school students
  - Created lecture contents and coding materials in C and taught a class of 60 students online

## Projects

### Pocket - A Budgeting Application

- Guelph, ON, CanadaAug 2020
- Pair programmed with a friend to create a budget tracking application using JavaScript, Node.js, Express, MongoDB and Mongoose
  - Functionalities include tracking incomes, tracking expenses and showing the current balance of the user

### Personal Website

- Guelph, ON, CanadaJun 2020
- Built a personal website from scratch using HTML5, Sass, BootStrap and jQuery
  - Made the website fully responsive and demonstrated the use of good design techniques to give the UI a clean and beautiful look

### Weather Application

- Guelph, ON, CanadaMay 2020
- Developed a weather application using HTML5, BootStrap, asynchronous JavaScript with Express.js on a Node Server
  - Used the Mapbox API to get the precise location and integrated it with the Weather Stack API to get the accurate weather forecast information

## Awards

### Entrance Scholarship · University of Guelph

- Guelph, ON, CanadaSep 2018 - Apr 2019
- Awarded for having an admission average of 90% (\$7500 CAD)

## Skills

### Languages

C    JavaScript    TypeScript    Java    Python    HTML5    CSS3

### Frameworks & Libraries

BootStrap    Sass    Node.js    Express.js    Angular 8+    RxJs    jQuery    MongoDB    Mongoose ORM    Jest

### Operating Systems

Windows    macOS

### Tools & Plaforms

Git    Github    BitBucket    Jira    Visual Studio Code    IntelliJ    Postman    Heroku    Netlify    MongoDB Compass

### Other Skills

Team Player    Agile (Scrum)    Problem Solving    Attention to detail    Excellent Writing and Communication

## Education

### Bachelor of Computing Co-op University of Guelph

- Guelph, ON, CanadaSep 2018 - Apr 2023
- Major: Computer Science
  - Minor: Mathematics
  - Relevant Courses: Data Structures, Algorithms, Software Systems Development and Integration, Object-Oriented Programming