

# Niloy Kumar Ghosh

Computer Science Student · Software Developer

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## Experience

### Software Developer Co-op · [Camis](#)

📍 Guelph, ON, Canada

Sep 2020 - Present

- ▶ Working in an agile environment with a team of 6 to contribute to day to day tasks using the Scrum Framework and Jira
- ▶ Using Angular 8+ primarily, to rapidly build components for the Camis 5 web application
- ▶ Used Jest to write unit tests while developing components

### Coding Instructor · [Mastermind Science Society](#)

📍 Dhaka, Bangladesh

May 2020 - Jul 2020

- ▶ Collaborated with a group of four to organize and launch an online coding Bootcamp for high school students
- ▶ Responsible for creating lecture content and coding materials in C and teaching it to a class of 60 students online

## Projects

### Pocket - A Budgeting Application

📍 Guelph, ON, Canada

Aug 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

### Teeny - A Full Stack Url Shortner

📍 Guelph, ON, Canada

Aug 2020

- ▶ Pair programmed with a friend to create a url shortner from scratch
- ▶ Built the server using Node.js and Express.js along with MongoDB and Mongoose for the database and EJS templates and Bootstrap for the front-end

### Personal Website

📍 Guelph, ON, Canada

Jun 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, Canada

May 2020

- ▶ Built 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, Canada

Sep 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 Postman  
Heroku Netlify MongoDB Compass  
IntelliJ

### Other Skills

Team Player Agile (Scrum)  
Excellent Communication Skills  
Excellent Writing Skills

## Education

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

📍 Guelph, ON, Canada Sep 2018 - Apr 2023

- ▶ **Major:** Computer Science
- ▶ **Minor:** Mathematics
- ▶ **Relevant Courses:** Data Structures, Algorithms, Software Systems Development and Integration