Niloy Kumar Ghosh

Computer Science Student · Software Developer

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Experience

Software Developer Co-op · Camis

Guelph, ON, Canada — Sep 2020 - Dec 2020

- Used the Scrum Framework and Jira to contribute to day to day task within a team of six
- Built components and features 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, Bangladesh — May 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, 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

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

- 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, 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, React, RxJs, jQuery, MongoDB, Mongoose ORM, Jest

Operating Systems

Windows, macOS

Tools & Platforms

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, Canada — Sep 2018 - Apr 2023

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