Niloy Kumar Ghosh

nghosh@uoguelph.ca | 226-501-0396 | github.com/niloyKGhosh | linkedin.com/in/niloyghosh | niloy.io

Education

University of Guelph   Sep 2018 - Apr 2023
Bachelor of Computing, Computer Science Co-op

- Minor: Mathematics
- Relevant Coursework: Data Structures; Algorithms; Software Systems Development and Integration
- Awards: University of Guelph Entrance Scholarship ($7500)

Experience

Camis Inc.   Sep 2020 - Dec 2020
Software Developer Co-op   Guelph, ON, Canada

- Implemented new features using C#, Typescript, and Angular 8 for the Camis 5 web and desktop application.
- Used the Scrum Framework and Jira to contribute to day-to-day tasks within a team of six.
- Developed unit tests when building features using Jest and Nunit.

Mastermind Science Society   May 2020 - Jul 2020
Online Coding Instructor   Dhaka, Bangladesh

- Collaborated with a group of four to launch an online coding Bootcamp for high school students.
- Created lecture content in C to teach a class of 60 students.
- Aided students by holding meetings, creating assignments, and conducting problem-solving sessions.

Projects

Pocket – A Budgeting Application   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   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   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 accurate weather forecast information.

Skills

- **Languages**: C, Java, Javascript, Typescript, Python, HTML5, CSS3
- **Frameworks & Libraries**: Bootstrap, SASS, Node.js, Express.js, Angular 8, React, RxJS, jQuery, MongoDB, Mongoose ORM, Jest
- **Tools & Platforms**: Git, Github, Bitbucket, Jira, Visual Studio Code, IntelliJ, Postman, MongoDB Compass
- **Other Skills**: Team Player, Agile (Scrum), Problem Solving, Attention to detail, Excellent Writing and Communication