SADMAN SHAWMIK

WEB DEVELOPER

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EDUCATION

BRAC University | May 2015 — December 2018 (expected)
BS in Computer Science with a Minor in Business
GPA: 3.50/4.00

EXPERIENCE

Freelance Web Developer | 2012 — present
- Built the website for *Rice Media* in collaboration with a specialized design team. Used HTML5, CSS3, JavaScript, and PHP to build a responsive WordPress theme from scratch.
- Worked on the payment gateway front-end for *Liberty Insurance.*
- Designed and created the entire website for *Bottle and Heels.* Stack used: HTML5, CSS3, JavaScript, and PHP.
- Collaborated with a design team to build the front-end for *GradConnect.* Used HTML5, CSS3, and JavaScript.

PROJECTS

- Job Salary Prediction — Machine Learning-based project that is able to predict salaries based on location, job type, contract type, and company. Stack used: Python, HTML5, CSS3, and JavaScript.
- CalorieTracker — a simple web app to track daily calories, macros, and exercises. Used HTML5, CSS3, JavaScript, PHP, and MySQL.
- Demo Bar — a lightweight plugin for displaying web apps in different resolutions. Built using HTML5, CSS3, and JavaScript.

SKILLS

Front-end: JavaScript, HTML, CSS
Back-end: Node.js, Python, Java, PHP, MySQL, MongoDB
Frameworks/Libraries: Vue.js, React.js, jQuery, Flask, Django
Others: Git, Docker, Vagrant, CLI, Adobe XD

RESEARCH

Preserving Heritage Sites using 3D Scanning Technology (ongoing)
- Implemented a prototype to scan buildings in 3D using a Microsoft Kinect and a drone.
- Developing a new algorithm to optimize the raw 3D data.
- Will build full-fledged 3D models of two heritage sites in Old Dhaka.
- Writing a research paper to present to the Department of Computer Science and Engineering, BRAC University.