Akshat Shah

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EDUCATION

Pennsylvania State University   *Erie, PA*

Bachelor of Science, Software Engineering   *Expected 05/2023*

Current GPA: 3.2

Programming: HTML (Proficient), CSS (Proficient), JavaScript (Proficient), C++ (Proficient), Python (Proficient), Java (Proficient)

Courses:

Software Engineering 1 & 2, Data Structures and Algorithms, Object Oriented Software Design and Construction, Intermediate Programming, Introduction to Programming Techniques, Ordinary Differential Equations, Calculus with Analytical Geometry 1 & 2, Elementary Probability, Physics Mechanics 1 & 2, Discrete Mathematics for Computer Science, Introductory Microeconomic Analysis and Policy, and Matrices

CS50 Introduction to Computer Science   Online 2021

Harvard University

ACTIVITIES & LEADERSHIP

Computer Science Organization   *Erie, PA*

Student Manager and Tutor   *09/2019 – Present*

- Offered clients tutoring on HTML, CSS, Flexbox, and JavaScript practices.
- Helped offer simplified solutions to programming concepts to help create responsive website development using CSS layouts and API requests.
- Tutored students on the best debugging practices through Google Chrome inspect element tooling.
- Helped review weekly code and provided various solutions on how to improve deployment.
- Assisted in engineering scalable, multi-platform, responsive, and SEO friendly websites for clients using HTML 5, CSS3, + BEM, JavaScript ES6+, and React based practices.
- Helped communicate with team members to offer high quality solutions on projects.

Programming Projects

Student   *09/2019 – Present*

    E-Portfolio   *August 2021*

- Designed, Developed, hosted my client's portfolio using semantic HTML5, and CSS3(+BEM) best practices.
- Provided aid for responsive and multi-platform support to enable the portfolio to be accessed through any device and platform.
- Offered support for any high-level requirement the client requested.

    Student Management System   *October 2020 – November 2020*

- Created a database for teachers to store information regarding library book rentals and student information.
- Managed various UML diagrams to incorporate user's needs for an efficient interface.
- Utilized storage for students to input their information for future retrieval.
- Programmed Primarily in C++.

    Music Library   *October 2021*

- Tasked to deliver a client this music management library in a span of seven days using HTMl5, CSS3 (+BEM) and JavaScript practices.
- Improved website performance through compressing, lazy loading images, caching, and components.
- Enabling multi-platform optimization for responsive hosting support to gain access from any client around the world.

SKILLS

- **Proficient**: HTML5, CSS3 (BEM), JavaScript ES6+, React(+hooks), npm, Git, GitHub
- **Familiar**: Redux, SASS, Yarn, React dev tools
- **Clouds**: Amazon Web Services