◾ Aditya Vikram Bhatnagar

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Education

University of California, San Diego

B.S. Mathematics - Computer Science
Expected June 2019

Relevant Coursework

- Data-structures and Object-Oriented programming (CSE 12)
- Software Tools & Techniques (CSE 15L)
- Mathematics for Algorithms and Systems (CSE 21)
- Discrete Mathematics (CSE 20)
- Introduction to Computer Science (Java) (CSE 8A and 8B)
- Calculus 1, 2, 3 (Math 20 A, B, C)
- Differential Equations (Math 20D)

Experience

Systems USA (Summer 2016)

Mobile Development Intern

- Recieved training for mobile development for Android, iOS, and Windows Phone apps using Xamarin, C#, XAML, REST, MySQL, and Microsoft Azure

UC San Diego Bookstore

Web Developer (Current)

- Improve the existing system with better technology using HTML, CSS, JavaScript, ASP.NET, Photoshop, and Sketch

Involvement

TEDx Delhi University

Speaker
https://www.facebook.com/tedxsggscc/

- Talked about quick and simple steps needed to ensure basic internet security in today's day and age

Skills

Programming Languages
C#, Java, C, C++
Mobile/Web
Xamarin, HTML, CSS, JavaScript, XAML, REST
Software & Tools
Git, UNIX
Enterprise
Stripe, OAuth2, Web Torrents, OpenWebkitSharp

Projects

Fayvors (Beta)

Co-Founder, Technology Lead
http://www.fayvors.com/

- A marketplace for student services for american colleges
- Android, iOS clients built with Xamarin, C#
- .NET server hosted through Microsoft Azure
- Peer to peer payment system using the Stripe Connect API

Synapse P2P - SD Hacks 2016

https://github.com/Nikhil-Bose/Synapse

- Developed a web app which allows a user to share websites through a P2P network using the Web Torrents framework.
- Used HTML, CSS, Javascript for the design and the interaction with the Web Torrents API

Voyage Browser

- Built a HTML5, CSS3 supportive browser using the OpenWebkitSharp framework and .NET/C#

The Football Chronicle

Co-Founder and Technology lead

- Created an online football magazine using wordpress and lead a team of 20 people to run the website.
- Used HTML, CSS, Javascript along with Wordpress to build and maintain the website

Angry Saibamen (Game)

- Developed a flappy-bird and Dragon-ball Z inspired game for Windows using C++ and GameMaker Studios

Note5 HTML Editor

- Developed an HTML editor with .NET/C# with a built-in preview functionality.

PhishBuster

- Developed a tool which detected if a URL was a phish or not using .NET and PhishTank API