

Nikhilesh Singh

Nikhilesh2010@live.com ☐ 781-392-4640

Education

University of Pittsburgh

Expected May 2019

Bachelor of Sciences in Computer Science, Minor in Statistics

Relevant Coursework: Data Structures, Discrete Structures for Computer Science, Intro to Systems Software, Computer Organization and Assembly Language, Statistics and Probability for Business Management

Experience

Software Developer Intern, HermesIQ

Summer 2016

- Implemented SMS appointment reminders, UI, database design, basic online payment capabilities for a Web application that allows for patient to doctor and doctor to patient management.
- Written in JavaScript using the AngularJS framework, Node.js using the Express.js framework, HTML/CSS and MySQL. Uses the Stripe, Twilio, and Auth0 APIs.

Projects

Nurf.gg | Team

Summer 2016 - Present

- Implemented a website for League of Legends that tracks a player's profile, live games and provides statistical data using Node.js, the AngularJS framework, HTML/CSS and uses the Riot API.

HairSwap | Team

February 2016

- Developed a desktop app that analyzes a photo and allows user to swap in different hair styles.
- Designed the method to analyze a photo in order to recognize hair. Written in Java.

Box Run | Individual

Summer 2015

- Created an endless runner game on the computer that swaps between 2D and 3D perspectives.
- Designed the object spawns, game interface, user controls and general gameplay.
- Used Unity and JavaScript

Sonic Remake | Individual

Summer 2015

- Created controls and map design for a 2D sonic game on the computer made using Unity and JavaScript.

Sudoku Solver | Individual

November 2016

- Created Sudoku solver, a desktop app that uses a 4 method backtracking model to efficiently solve a sudoku board. Written in Java.

Languages and Technologies

Languages: Java, JavaScript, HTML/CSS, PHP, Python, SQL, C, Ruby

Technologies: Node.js, AngularJS, Express.js JQuery, Bootstrap, MySQLWorkbench, phpMyAdmin, Unity, Photoshop