ASHISH S. BACHAVALA

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GITHUB   github.com/ashish0810

EXPERIENCE

Publishers Clearing House - Jericho, NY
Software Engineering Intern

June 2018 - August 2018

Developed an API alongside Online Development Department in an Agile environment

Built email notification server and improved winning number generator as part of Lotto, Keno, and Fusion teams

Communicated with team on progress in daily scrum meetings

Optical Science Center for Applied Research - Dover, DE
Software Engineering Intern

June 2016 - August 2016

Created genetic algorithm to optimize laboratory equipment in order to modulate the wave front of a Gaussian laser beam

Collaborated with team to set weekly goals and debate various implementations

PORTFOLIO

Agenda Application - JavaScript, JQUERY, SQL

Designed and built a productivity application which allows users to create a personal account then save and track daily tasks

India US Society of Delaware Website - HTML, CSS

Developed website to improve outreach for organization using analytics and consumer-minded design

Over Sand Vehicle - C, Arduino, Electronics

Lead a team in building an over sand vehicle to autonomously locate and extinguish fires which came in 2nd place out of 15 participating teams

EDUCATION

University of Maryland - College Park
Computer Engineering, Honor's College

September 2017 - May 2021

GPA: 3.51

SKILLS

Programming Languages

C#, C, Java, PHP, Python, JavaScript, jQuery, SQL, HTML, CSS, Unix, Assembly, .NET framework

Relevant Courses

Object-Oriented Programming (I & II), Discrete Structures, Computer Systems

Current Courses

Algorithms, Organization of Programming Languages (Ruby & OCaml)

HACKATHONS

Technica   **November 2018**
Mentor

Bitcamp   **April 2018**
Participant