

# ASHISH S. BACHAVALA

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## EXPERIENCE

### **Amazon** - Seattle, WA *Software Development Engineering Intern*

June 2019 - August 2019

Developed a community reporting feature for a live video and chat experience from end to end

Used React to build front end components and AWS services to build back end components

### **Publishers Clearing House** - Jericho, NY *Software Development 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 *Research Intern*

June 2016 - July 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, PHP, 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 Science, Honor's College*

September 2017 - May 2021

GPA: 3.52

## SKILLS

### **Programming Languages**

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

### **Relevant Courses**

Object-Oriented Programming, Discrete Structures, Computer Systems, Algorithms, Programming Languages, Electric Circuits, Digital Logic Design, Elements of Discrete Signal Analysis

### **Current Courses**

Advanced Data Structures, Computer Networks

## HACKATHONS

**Technica**  
*Mentor*

**November 2018**

**Bitcamp**  
*Participant*

**April 2018**