Website: Sharvilp.me
Email: Sharvilp@umd.edu
Mobile: 301-326-7913

Sharvil Parekh

Technical Skills

Languages

Python, Java, C#, HTML/JS/CSS (Bootstrap, Semantic UI), Node.JS, Groovy, Ruby, C, PostgreSQL

Tools

Lambda, EC2, Alexa Skills, S3, SNS, SQS, SES, Git, DynamoDB

Links

sharvilp.me/#projects
github.com/SharvilP
devpost.com/SharvilP
linkedin.com/in/Sharvilp6

Education

University of Maryland

B.S. Computer Science
Tech Entrepreneurship Minor
Expected Grad Dec 2019
College Park, MD

Organizations

Bitcamp

Tech Organizer
Manage tech for student run hackathon with 1300+ participants

Startup Shell

Development Fellow
Student run incubator for student-run startups at UMD

Phi Chi Theta

Professional Business Fraternity

Maryland Masti

Tech Lead

Relevant Coursework

Data Structures
Algorithms
Database Design
Practical Deep Learning
Full Stack Web Dev with Node.JS
Organization of Prog Languages
Discrete Structures / Mathematics
Introduction to Computer Systems (C and Y86)
Phillips Virtual Culture/Autonomous Unmanned Systems Research Stream

Professional Experience

Incoming Software Engineering Intern| Nextdoor

Sept 2018 - Nov 2018

Software Development Engineering Intern | Amazon

May 2018 - Aug 2018

- Designed notification and daily digest summary email architecture for internal goal tracking tool used in business reviews
- Developed serverless architecture in Python using Lambda, SQS, DynamoDB, S3, and SES
- Integrated service into existing Java Spring application used by 2000+ teams

Software Engineering Intern | Whisker Labs

Dec 2016 - Jan 2017, Jun 2017 - Aug 2017

- Developed Lambda function in Python enabling cloud to cloud data transfer between energy monitoring devices and our backend
- Designed groovy app allowing metering outlets to post power data to backend
- Created Slack Bot to help users subscribe to updates about an embedded device's lifecycle using Lambda, API Gateway, S3, and Slack RTM

Research and Development Intern | Earth Networks

May 2016 - Aug 2016

- Developed a personal weather station dashboard website serving 3000 personal weather stations (Weatherbug Backyard)
- Wrote backend in C# using SignalR to allow for real time data updates
- Built front end UI using Bootstrap and Javascript (Canvas.JS)

Projects

Terp Wash | Python | Alexa Skill | August 2017

- Published an Alexa Skill using AWS Lambda and Alexa Skills Kit to allow students to easily check the status of laundry machines in their dorms

Phillips IoT | Node.JS | May 2017

- Designed an IoT device and dashboard to monitor temp/humidity using RPi 0
- Used Adafruit IO as the IoT platform and Node.JS with Socket.IO for dashboard

Cardr | Node.JS| Bitcamp | March 2017

- Designed an online e-wallet for business cards using Node.JS
- Used Google CV to automate entering business card information by parsing an image of a business card and extracting all relevant information
- Accompanying Alexa skill in python to retrieve phone no and email addresses

Galileo | Python| Daemon Dash | January 2017

- Redesigned UMD's schedule builder to generate the best schedules for students
- Python web app using flask allowed for options such as least walking, late classes, and no classes on specified days

Terrapin Nav | Python | Alexa Skill | September 2016

- Published an Amazon Alexa Skill for UMD students to find out how long it takes to walk from one building to another on campus

EzPill| C# Python | MLH Prime | August 2016

- Fabricated a smart pill dispenser using a Raspberry Pi with an accompanying web and Android app