Deval Parikh

http://devalparikh.me
https://github.com/devalparikh

Email : dparikh4@gmu.edu

Mobile : +1-703-980-6519

EDUCATION

- **George Mason University** — Fairfax, VA
  *Bachelors of Science in Computer Science; <u>GPA: **3.85**</u>* — *August 2017 – May 2021*
  - **Dean's List**: 2017 - Present
  - **Relevant Courses**: Data Structures, Object Oriented in Java, Python , C, Linear Algebra, Discrete Math

PROJECTS AND ACTIVITIES

- **RecipeMaker REST API Alexa Skill (Node.js/Express)** — Amazon AWS Hackathon
  Developer — *June 2018 - July 2018*
  - **Objective**: Developed Alexa Skill to minimize household wasted foods and creates recipes based on ingredients
  - **AWS Lamda/NodeJS**: Developed Lambda functions to conceive recipes based on real-time ingredient data
  - **AWS Dynamodb NoSQL Database**: Implemented scalable backend to store data with CRUD functionality
- **PhotographyToolKit (Python Script)** — Personal Project
  Python Developer — *May 2018 - Present*
  - **Objective**: Developing a script to manipulate entire albums of photos based on content, format, and size
  - **TensorFlow Object Detection API**: Implementing the object prediction algorithm to sort collections of photos based on content of the images
  - **Pillow Python Library**: Implementing the Pillow library for the script to be able to create and organize folders for the photos
- **YouOwe (Swift)** — Personal Project
  IOS Mobile Developer — *March 2018 - Present*
  - **Objective**: Developed an open source mobile platform to manage debt - 1,552 Itunes downloads
  - **Xcode/Swift**: Programmed calculations and designed a user interface with constraints using Swift
- **Parkinson's Disease Prediction Research Model** — Intel Science and Engineering Fair
  Bioinformatic Contestant — *April 2016 - February 2017*
  - **WEKA Data Mining**: Analyzed over 10,000 medical patient data from Parkinsons Progression Markers Initiative. Used Weka Open Source machine learning algorithms (j48 classifier and 10 fold cross validation)
  - **Microsoft Excel**: Organized data to be formatted for Weka
  - **Award**: Awarded Honorable Mention in 2016 Intel Science and Engineering Fair

EXPERIENCE

- **Software Development Club, George Mason University** — Fairfax, VA
  Co-Founder/President — *August 2018 - Present*
  - **Objective**: Helping over 35 students grow a passion for software development and learning new technologies by working on products and competing at Hackathons — https://sdcgmu.org
  - **Workshops**: Hosted an introduction to Swift (iOS) programming workshop at PatriotHacks (GMU Hackathon)
- **Science Cosmos** — Ashburn, VA
  Course Director and Teacher — *May 2018 - August 2018*
  - **Responsibilities**: Created STEM-related curriculums and lead courses of 45+ students
  - **Skills**: Teaching courses such as, Python - Intro to Programming, HTML/JS/CSS - Intro to Web Development
- **Foobee Startup** — Fairfax, VA
  Software Engineering Intern — *January 2018 - April 2018*
  - **Objective**: Developing a social platform on mobile devices — https://gofoobee.com
  - **ReactNative**: Worked on new modular components for displaying front-end elements, such as chat and profile
  - **Firebase**: Helped implantation of real-time database allowing access to chat, user profile, and other app data

SKILLS

Technical: Python, Java, C, Node.js, Swift, HTML, CSS, Javascript, ReactJS
Other: AWS, GIT Version Control, Jupyter Notebook, Latex, VIM, Windows OS, Linux, Adobe Creative Suite, Microsoft Office Suite, Unity Game Engine 3D, Blender, Eclipse IDE, WEKA, Express