

# Deval Parikh

<http://devalparikh.me>

<https://github.com/devalparikh>

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## EDUCATION

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- **George Mason University** Fairfax, VA  
*Bachelors of Science in Computer Science; GPA: 3.81* *August 2017 – May 2021*
  - **Dean's List:** 2017 - Present
  - **Relevant Courses:** Data Structures (Java), Algorithms (Java), Object Oriented (Java), Python, Low-Level Programming (C), Formal Methods and Models, Computer Systems and Programming (x86), Software Engineering, Software Testing and Maintenance, Linear Algebra, Discrete Math, Probability and Statistics

## EXPERIENCE

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- **Reinventing Geospatial, Inc (RGI)** Fairfax, VA  
*Software Engineering Intern* *May 2019 - August 2019*
  - **Objective:** Worked on the geospatial performance enhancing proxy team. Contributed to the full-stack web application. Familiarized with CI/CD pipelines and Agile tools like GitLab and Jira
  - **Javascript/React-Redux:** Developed many client-side features that increased the efficiency of user interactions with the services, logs, and dashboards
  - **Python/Django/SQL:** Contributed to the development of back-end services for map data caching and tile rendering. Developed, tested, and optimized API endpoints for application features
- **Science Cosmos** Ashburn, VA  
*Course Director and Teacher* *May 2018 - August 2018*
  - **Responsibilities:** Created STEM-related curricula and led courses of 45+ students
  - **Skills:** Taught and developed courses such as Python - Intro to Programming, HTML/JS/CSS - Intro to Web Development
- **PhotographyToolKit (Python)** Personal Project  
*Project Developer* *May 2018 - Present*
  - **Objective:** Engineering a system to manipulate entire albums of photos based on content, format, and size
  - **TensorFlow:** Implementing an object detection algorithm to sort collections of photos based on content of the images
- **RecipeMaker REST API Alexa Skill (Node.js/Express)** Amazon AWS Hackathon  
*Project Developer* *June 2018 - July 2018*
  - **Objective:** Developed an Alexa Skill to minimize wasted household foods by creating recipes based on ingredients
  - **AWS Lamda/NodeJS:** Integrated API endpoints to generate recipes based on real-time ingredient data
  - **AWS Dynamodb NoSQL Database:** Implemented scalable database to store and modify user data
- **YouOwe (Swift)** App Store - Apple  
*iOS Mobile Developer* *March 2018 - Present*
  - **Objective:** Developed a native mobile application for keeping records of monetary debt with users' contacts

## LEADERSHIP AND AWARDS

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- **Software Development Club, George Mason University** Fairfax, VA  
*Co-founder/Officer* *August 2018 - Present*
  - **Objective:** A collaborative effort on expanding campus involvement in developing projects — <https://sdcgmu.org>
- **PatriotHacks - George Mason University Hackathon** Fairfax, VA  
*Co-lead of iOS Workshop/Mentor* *August 2018 - Present*
  - **Workshop Lead:** Organized and lead an introduction to Swift (iOS) programming workshop, impacting 60+ students
  - **Student Mentor:** Mentored 250+ university students on various projects including, Python, Java, Javascript frameworks, API implementation from sponsorship companies
- **Bitcamp - EyeBank (Python)** Group Hackathon Project  
*Python Back-end Developer* *December 2018 - Present*
  - **Awards:** **1st Place** Best Financial Software Hack - Capital One, **1st Place** Bitcamp Compass Challenge
- **HoyaHacks - Weapon Detection Model (Python)** Group Hackathon Project  
*Python Developer* *December 2018 - Present*
  - **Awards:** **1st Place** Best Software Hack - Microsoft, **2nd Place** Amazon Web Services Hack - Amazon, **3rd place** Overall Georgetown University Hackathon <https://aws.amazon.com/blogs/publicsector/students-hack-for-social-impact-hoya-hacks>

## SKILLS

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**Experienced:** Python, Java, C, Swift, Unix, HTML, CSS, Javascript, React, Redux, Node.js, Django, Flask, NoSQL, MongoDB, AWS DynamoDB, Firebase, GIT Version Control, Jupyter Notebook, VIM

**Familiar:** Amazon Web Services, Keras, TensorFlow