

Anish Thakker

SOFTWARE ENGINEER · DEVELOPER · STUDENT

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Education

University of Maryland, College Park

BACHELOR'S OF SCIENCE IN COMPUTER SCIENCE, MINOR IN BUSINESS ANALYTICS

- GPA: 3.80
- Recipient of the Presidential Scholarship

College Park, Maryland

Aug. 2018 - (expected) May 2021

Skills

Programming Java, Python, C, OCaml, Ruby, Rust, Swift, JavaScript, HTML

Tools Amazon Web Services (AWS), Ansible, Docker, ElasticSearch, Git, Kibana, Neo4j

Notable Coursework Data Structures, Algorithms, Introduction to Data Science, Discrete Mathematics, Introduction to Computer Systems

Experience

Leidos

SOFTWARE ENGINEERING INTERN

- Based on a highly successful internship performance, was asked to support the Data to Intelligence Team at Leidos during the 2019-2020 academic year.
- Worked as a part of the Data to Intelligence Team in an Agile Development environment to produce shippable results in efficient two week sprints.
- Developed Jupyter Notebooks for email data analysis and spoofing detection using Python and Spark. Demonstrated this project, which is currently being utilized by Cyber Analysts at Leidos on a daily basis.
- Engineered queries to perform graph analysis of email data relationships using Neo4j. Learned Neo4j during the process and presented my work to Leidos leadership.
- Taught myself Docker and Ansible in order to successfully deploy servers and containers on an AWS cloud environment.

Gaithersburg, Maryland

May. 2019 - PRESENT

Stellar IT Solutions

SOFTWARE ENGINEERING INTERN

- Implemented the front-end capabilities of a web application, as part of an ongoing project with a Stellar client.
- Built the front-end of an interactive dashboard used for temperature monitoring with HTML5 and JavaScript.
- Taught myself the necessary languages and tools in order to ship development projects under a tight deadline.

Rockville, Maryland

May 2018 - Aug. 2018

University of Maryland, College Park

TEACHING ASSISTANT

- Currently a Teaching Assistant for CMSC 132 - an Object Oriented Programming class taught in Java.
- Responsible for leading discussions, holding office hours, helping students with projects, and grading exams.
- Was previously a Teaching Assistant for CMSC 131.

College Park, Maryland

Aug. 2019 - PRESENT

Extracurriculars

SOLELINKS Twitter Bot

PERSONAL PROJECT

- Developed a Python project that functions as a bot for the SOLELINKS twitter page.
- Created with the purpose of helping sneaker fans (such as myself) get a jump on sneaker deals when they are announced.
- The bot sends a text message to the user's mobile device every time SOLELINKS tweets about a deal that involves a particular set of shoe brands specified by the user.
- Utilized the Twitter API for twitter monitoring and the Twilio API for SMS messaging alerts.

July 2019

Maryland Terrapins Football

STUDENT MANAGER

- Responsible for practice setup and breakdown, as well as equipment organization.
- Coordinate and run drills based on directions from the coaches and staff.
- I love football! Being a student manager for the Maryland Football team has allowed me to get closer to the game I love and experience it from a different perspective.

College Park, Maryland

Feb. 2019 - Sept. 2019