

Anmol Gautam

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EXPERIENCE

F5 NETWORKS INC | SWE INTERN(QUALITY)

May 2019 – Aug 2019 | Seattle, Washington

- Worked with Quality Engineering team on project **Expected To Fail Developer Workflow**.
- Created a pytest decorator that unblocked quality engineers if they completed writing tests before the developers completed their features.
- The decorator increased the efficiency of squad workflow by making creation and execution of tests easier.
- Had a hands-on experience on Kubernetes architecture by capturing and storing pod logs in artifactory for error analysis in CI/CD pipeline's end-to-end testing.

GOOGLE | ENGINEERING PRACTICUM INTERN

May 2018 – Aug 2018 | Kirkland, WA

- Worked on project **System Notification admin page Angular Rewrite** in Display Video 360 platform team.
- Added feature to allow technical support staff members to create and update notifications.
- Used AngularDart2 for the client side to allow users to create notifications in the GUI.
- Used Java at the back-end to store the notifications user created and update if they existed in database.
- The product helped the admins to manage notifications efficiently that would be shown to 60k+ users.

PROJECTS

QTSPIM COUNTER | RUNTIME STATISTICS FEATURE IN QTSPIM IDE 2019

- Added an instruction counter in QtSpim to keep track of how many of each instructions is executed in a given MIPS program.
- Added a cycle counter to keep track of how many clock cycles the given MIPS stimulation use.

PROJECT 'ONE-SPOT' | A HOTSPOT SHARING APP 2017

- Built a website for host registration to allow sharing data in the class in the absence of Wi-Fi.
- Designed the host registration page using HTML and CSS.
- Used Django framework to display the records of all users on webpage.
- Used Twilio API to create a message system that allowed users to ask if there are any hosts in the class willing to share data and let them communicate.

SNAKE | A CONSOLE SINGLEPLAYER GAME 2017

- Created a snake game (in C++) that allowed players to score by eating fruits in the screen and recorded the score in the dashboard.

EDUCATION

HOWARD UNIVERSITY

BACHELOR OF SCIENCE IN

COMPUTER SCIENCE

Expected MAY 2021 | Washington, DC

GPA: 4.0

SKILLS

PROGRAMMING LANGUAGES

Python

C++

Dart

Java

HTML

WEB FRAMEWORKS

AngularDart

Django

VERSION CONTROL

Git

COURSEWORK

Intro to Computer Science

Computer Science I, II, III

Fundamental of Algorithms

Software Engineering

Discrete Structures

Computer Organization I, II

Large Scale Programming

ORGANIZATIONS

Association for Computing Machinery (ACM)

National Society of Black Engineers (NSBE)

Howard University Math Club

HONORS AND AWARDS

DEAN'S HIGH HONORS LIST 2017

Awarded for high GPA.

WINNER OF GOOGLE AND ACM HACKATHON 2017

Awarded 'Best Solutions' for the project of hotspot app.

CAPSTONE SCHOLAR 2017

Awarded \$138,748 for bachelor studies for good high school academic scores.