Tanya Balaraju

https://github.com/tanya

EDUCATION

Rutgers University, New Brunswick — *B.S., Computer Science*
SEPTEMBER 2014 - MAY 2018

GPA: 3.722

EXPERIENCE/PROJECTS

Hawk, New Brunswick — *iOS Developer*
SEPTEMBER 2016 - PRESENT

- Designed and created a mobile app which informs users of local crime and safety information and allows them to post to a forum
- Used Alamofire to integrate REST API web calls with user interface to create a smooth user experience
- Contributed to Flask backend that interacted with a SQL database
- Used the MVC paradigm to create an end-to-end iOS app that included data persistence, networking, and location services in Swift

Yuge, New York — *iOS Developer/Designer*
APRIL 2016

- Collaborated with teammates at HackNY to build Yuge, an iOS app that uses concepts from Tetris and Candy Crush in a political theme
- Used standard design tools to build a smooth, elegant UI that allowed users to have an engaging time playing the game
- Implemented aspects of design in Swift and won Best Hack Design

Undergraduate Student Alliance of Computer Science, New Brunswick—
Executive Board Member/Social Chair
SPRING 2016 - PRESENT

- Organized events to encourage Rutgers undergraduate students to participate in the Computer Science community
- Optimized social media campaigns to increase average online exposure by over 100% (<500 unique views to 1000+)
- Introduced and currently leading initiative to make computer science at Rutgers friendlier to underrepresented groups, including Women in Tech

HackRU, New Brunswick— *Organizer*
SPRING 2016 - PRESENT

- Collaborated with the Day-Of and Hacker Experience organizational teams at HackRU, Rutgers' largest hackathon with over 800 participants
- Planned events and lead large groups of attendees through activities during the hackathon

Department of Undergraduate Education, Rutgers University— *Student Writer*
FALL 2016

- Specially appointed by Professor Richard Serrano and Vice Dean for Undergraduate Education Susan Lawrence to write a report on Teaching and Learning Centers of universities nationwide
- Exceeded expectations with the assigned work, which was later shared with the Vice President of Rutgers University
- Made vital contributions to Rutgers University's effort to improve its own Teaching and Learning Center

School of Arts and Sciences Honors Program, Rutgers University— *Tutor*
SPRING 2015

- Helped fellow students understand algorithms and class concepts, as well as study for upcoming exams

SKILLS

Java, C, Python, Swift, iOS, Git, Bash, UNIX, SQL, NoSQL, MongoDB, Flask, MVC

AWARDS

Rutgers Trustee Scholarship
Henry Rutgers Scholarship
Dean's List: Fall 2014, Spring 2015, Spring 2016, Fall 2016
Best Hack Design: HackNY Spring 2016
First-Year Leadership Fellow: Rutgers University, Spring 2015

COURSES

Intro to Computer Science, Linear Algebra, Data Structures, Computer Architecture, Systems Programming, Design and Analysis of Computer Algorithms, Principles of Information and Data Management, Distributed Systems