Phone: 973-722-4573
E-Mail: yk258@njit.edu

Yashwee Kothari

https://yashweek.github.io/
https://github.com/yashweek

Education

New Jersey Institute of Technology Newark, NJ

2018-2022

- Albert Dorman Honors College (GPA: 3.88)
- Major: BS Computer Science
- Courses: Programming Language Concepts, Python, Independent Research, Discrete Math

Honors/Awards:

- NCWIT Aspirations 2018 National Winner, 2018 Governor's STEM Scholar, IEEE ISEC 2019 Accepted Author, 2019 CRA-W GHC Research Scholar, IEEE ISEC 2019 Top 3 Poster Presenters

Experience:

Software Developer, Intern @ Aersys Inc (Startup) June 2019-August 2019

- Incoming Software Developer Intern at Aersys

WiCS (Women in Computing Society) Event Planning Chair Oct 2018- Present

- I was elected to be an Event Planning Chair. I initiated planning our first all-women's hackathon for Fall 2019, organized Women's Day event on campus with over 50 attendees from different organizations. Fundraised $12,000 for the hackathon through company sponsorships. I lead a team of 4 members on the Event Planning Committee by helping plan new tech events.

2018 NJ Governor's STEM Scholar Aug 2017-May 2018

- Selected as one of the 85 scholars into the 2018 Governor's STEM Scholars program. Researching big data and data analysis from blood glucose meters of diabetic patients to decrypt the code pharmaceutical companies have placed in proprietary software. Working under UPenn alumni and accomplished computer scientist Rebecca Mercuri (CEO of Notable Software).

Web Developer, Intern @ Ionweather May 2017-May 2018

- Working as a software engineer on a team to create an ecommerce website to help display the company's products and services. Ecommerce website was built using HTML, CSS, JavaScript, and PHP programming. Responsibilities including managing communication between boss and other team members and track team member progress.

Founder of Tech Club Jan 2016-June 2018

- Created school's first technology club to teach students of all academies about technology. The club has taught HTML and CSS, Android App Development using MIT App inventor where the students participated in the Verizon App Challenge. Took trip to Google NYC and hosted guest speakers from Cisco come talk to club members. The club is part of national nonprofit of student led high school coding clubs called Hack Club. I served as President for two years and now serving as a student advisor.

Apps/Projects:

Open Source Software Model for Blood Glucose Meters

- Winner of 2018 Governor's STEM Scholars Research Program. The app creates a non-proprietary software which allows users to track BGM readings, get insights and feedback using our algorithm, and food dictionary database for nutritional values. Paper published in IEEE database. (Code on Github)

Small Compiler Built in C++

- Built a compiler in 3 different steps: lexical analyzer, parser, and semantic analyzer. (Code on Github)

reLeaf Concussion Tester (HackBCA II 4th place winner):

- A web app with hardware that used 3 tests to determine whether if user had difficulty with memory, reaction, and visuals. The reaction test was completed using Intel Edison. Sample data was collected to create a baseline program to compare results and notify user of a concussion. Won Best Intel App at HackBCA.

Neimann-Pick's Disease Therapy (HackRU Best Health Hack Award):

- A diagnostic and therapeutic app created to help diagnose children with Neimann-Pick's disease and offer possible therapy to help improve motor skills. Created using front and backend web development. Won Merck best health hack at HackRU 2016.

Languages:

Java, C++, PHP, Swift, Python, HTML, CSS, Assembly NASM