Yashwee Kothari

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EDUCATION

New Jersey Institute of Technology   *Newark, NJ*
Bachelor of Science Computer Science; Minors in Applied Mathematics   *May 2022*
Cumulative GPA: 3.9/4.0; Dean's List 2018-2019
Relevant Coursework: Intro to Python; Data Structures/Algorithms; Machine & Assembly Lang; Discrete Math, Operating Systems

SKILLS/AWARDS

Technical Skills: Java, C++, HTML5, CSS3, Bootstrap, Swift, Python
Certifications & Training: Total iOS Blueprint Swift 4 Course

Awards:
2019 CRA-W Grace Hopper Celebration (GHC) Research Scholar
IEEE Integrated STEM Education Conference (ISEC) 2019 Published Author & Top 3 Poster Presenters Award
FIS Global $3000 Scholarship Recipient (2018 & 2019)
2018 NJ Governor's STEM Scholar Research Winners
National Center for Women & Information Technology (NCWIT) Aspirations 2018 NJ Winner

EXPERIENCE

Open Source Software Model for Blood Glucose Meters   *May 2017- May 2018*
- Project completed during 2018 NJ Governor's STEM Scholars Program, a selective program with 14% acceptance rate
- Created open-source software in Java which allows users to track BGM readings, receive insights and feedback using our algorithm, and food dictionary database for nutritional values, and as a result, won 1_{st} place at the program and published and in IEEE database

Software Developer (Intern)   *Jun 2019 – Aug 2019*
Aersys Inc.
- Completed 3 projects over the course of 3 weeks focusing on full stack development in front-end and back-end development
- Developed scripts to communicate with backend servers to provide efficient methods of user data storage
- Created a mobile responsive website enabling company partners to sign up and access their dashboards
- Built an iOS marketplace application leveraging modern UX design

Custom Language Interpreter (CS 280 Project)   *Jan 2019- May 2019*
- Designed and implemented a lexical analyzer that read and identified tokens, the parser created a binary tree, and the interpreter used traversal methods to produce an output
- One of few students in course to receive an A and successfully complete the interpreter

Undergraduate Researcher (CS 488)   *May 2019 – Present*
NJIT Social Interaction Lab
- Spearheaded a concussion testing research project under the supervision of Dr. Yvette Wohn
- Researching different interactions and symptoms of traumatic brain injury (TBI) by interviewing students at NJIT
- Designing ideas for an iOS app to fills the needs of user that we found through customer discovery

Web Developer (Intern)   *May 2017 – May 2018*
Ionweather
- Developed a mobile-responsive e-commerce website to augment Ionweather client buying experience
- Collaborated with 2 team members to define and develop new features and content for the e-commerce website
- Leveraged various web development technologies such as HTML, CSS, and JS for the frontend

ACTIVITIES/SOCIETIES

Co-Event Planning Chair, Women in Computing Society (WiCS)   *Dec 2018-Present*
- Initiated and leading NJIT's first women centric hackathon, GirlHacks with over 250 expected attendees
- Organized Women's Day Event with 50+ NJIT students and 3 speakers discussing industry and academia in STEM