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, Swift, Python, JavaScript, Bootstrap, MYSQL
Certifications & Training: Total iOS Blueprint Swift 4 Course

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

PROJECTS

Open Source Software Model for Blood Glucose Meters   *May 2018*
- Created open-source software which allows users to track BGM readings, receive insights and feedback using our algorithm, and food dictionary database for nutritional values
- Paper published in IEEE database & winner of 2018 Governor's STEM Scholars Research Program

Custom Language Interpreter in C++   *May 2019*
- Designed and implemented a lexical analyzer, parser, and interpreter in C++
- Interpreter accurately understood the custom created language

WORK EXPERIENCE

Software Development Intern *(16 employee startup)*   *Piscataway, NJ*
Aersys Inc.   *Jun 2019 – Aug 2019*
- 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

Undergraduate Researcher   *Newark, NJ*
NJIT.   *May 2019 – Present*
- 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 an iOS app based on the need found through customer discovery

2018 NJ Governor's STEM Scholar   *Chatham, NJ*
R&D Council of NJ   *Aug 2017 – May 2018*
- Researched and created a blood glucose meter using breadboards and Arduinos
- Pioneered an open-source software which gives users full control of their data unlike the current products on the market
- Managed the integration of software into a complete application

Web Developer Intern   *Denville, NJ*
Ionweather   *May 2017 – May 2018*
- 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