Phurushotham **Shekar**

SOFTWARE ENGINEER

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Edu**cation**

Rutgers University   *New Brunswick, New Jersey*
B.S. IN ELECTRICAL AND COMPUTER ENGINEERING & MINOR IN COMPUTER SCIENCE   *Graduation: May 2020*

 Awards: Best Education Hack and Top 10 Pennapps XVII, Winner 64 of 3000+ IBM Vault 2018
 Relevant Coursework: Data Structures, Software Engineering, Systems Programming, Computer Architecture
 Current Coursework: Algorithms, Machine Learning for Engineers, Information and Network Security, Digital System Design

Wor**k Experience**

Rutgers University Student Affairs and Marketing   *New Brunswick, NJ*
WEB DEVELOPER INTERN   *May 2019 - Present*

- Design and develop a website template using **Bootstrap** and **SCSS** to transition current Student Affairs affiliated sites from **WordPress** to the **Drupal** content management system
- Maintain current Student Affairs sites by updating content as requested and troubleshooting issues
- Optimize UI/UX with Google Analytics and user feedback to improve reachability of important pages

Lea**dership Experience**

TEDxRutgers   *New Brunswick, New Jersey*
PRESIDENT   *Sep. 2017 - Present*

- Delegate tasks to 25 members among 6 teams to host various smaller events that strengthen the TEDxRutgers brand leading up to the annual conference with 500 attendees and 8 speakers
- Implemented a dedicated Speaker Curator team to research, select, and reach out to potential speakers and assist them throughout the process of giving their TEDx Talk
- Collaborated with various third parties to set up logistics, talk recordings, and stage productions

Rutgers Undergraduate Student Alliance of Computer Scientists (USACS)   *New Brunswick, New Jersey*
HACKRU ORGANIZER - VOLUNTEER AND HACKER EXPERIENCE TEAM | USACS MENTOR   *Sep. 2017 - Present*

- Trained 50+ volunteers and mentors on their responsibilities to aid 800+ hackers in a timely manner
- Surveyed attendees during the hackathon to incorporate their feedback at future events
- Mentor underclassmen and assist them with navigating the CS community and curriculum at Rutgers

Sel**ected Projects**

Minerva   *New Brunswick, New Jersey*
TERM PROJECT - SOFTWARE ENGINEERING (ECE:452)   *Spring 2019*

- Developed a mobile and web app to increase Professor and Student communication by adding in-class quizzes, questions and feedback to the features offered in existing learning management systems
- Implemented the anonymous questions and feedback system in the cross-platform mobile app using **React Native** and **Node.js** to interact with the **MongoDB database**
- Designed the UI using **Adobe XD** and adhered to best design principles to maximize user friendliness

Brewba   *College Park, Maryland*
BITCAMP (UMD HACKATHON)   *Spring 2019*

- Created a conveyor belt-like system using an **Arduino**, servo motors and IOT devices to create an automated bubble-tea maker that can serve a cup in only 2 minutes

Wea(r)ther   *New Brunswick, New Jersey*
PERSONAL PROJECT   *Spring 2019 - Present*

- Developing a cross-platform app using **React Native** to recommend clothing based on weather conditions
- Accesses the Google Location and Dark Sky APIs to fetch the required data to determine personalized clothing recommendations for each user based on their personal preferences

LiveNote   *Princeton, New Jersey*
HACKPRINCETON   *Fall 2017*

- Used **JavaScript** and the Microsoft Linguistics API to create a real time, collaborative note taking application that merges notes from multiple students to create a master set of notes

Ski**lls**

 Languages: Java, Javascript, C, Python, HTML/CSS
 Technologies: Git, React, React Native, Wordpress, Drupal, Bootstrap, Photoshop/XD, MongoDB Stitch