Jay Shah

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Education/Research

Rutgers University | New Brunswick, NJ   Class of 2020

Bachelor of Science in Computer Science and minor in Economics

Honors College Student – Top 4% of Applicants.

GPA: 3.95/4.00 Major Related: GPA: 4.0/4.0

Trustee Scholar, Henry Rutgers Scholar, Rutgers Intelligence Community Center for Academic Excellence, Participant, Capital One Nessie's Best Hack Award HackRU Spring 2017.

Research

Research Assistant- Rutgers University | New Brunswick, NJ   March 2017 – May 2017

Premise: Creating software to aid students in improving errors in homework assignments.

Analyzed, tracked and updated software to analyze and improve coding errors in student attempts for assignments.

Relevant Skills: Java, Terminal, Git, Gradle, MS Excel, Teamwork.

Python for Informatics- University of Michigan | Coursera-Self Directed Learning

Eight-week online course learning Python through lectures, textbook, and forum discussion.

Completed weekly projects and quizzes on readings. Collaborated with others to create recreational programs in Python.

Work Experience

Franklin Township Recreation Summer Camp | Somerset, NJ   June 2016 – August 2016

Counselor
- Tracked all inventory of the camp site which also included municipal equipment.
- Worked with development staff to discuss children's behavioral patterns and effective counselor strategies.

Leadership

Institute of Domestic and International Affairs| Rutgers University   Sept 2012 – Present

Director
- Graded student research papers and provided constructive criticism to improve the quality of student writing
- Coordinated with Institute's other departments to create crisis simulations for students.
- Wrote a 50-page policy brief to be published by Institute of Domestic and International Affairs.

Assistant Director
- Taught and instructed students to engage in world affairs and public policy procedures within committee.
- Created committee plans and guidelines for students to follow through a four-day conference.
- Researched and wrote update paper describing the committee's recent events and findings.

Projects

BetBot – HackRU   Spring 2017
- Utilized Capital One Bank's API to create a software that utilizes a bot in Facebook Messenger to facilitate a bet between two members in a group chat. Created website to be updated by real time bets and showcase history of all bets done by the bot.
- JavaScript, HTML5, CSS3, Bootstrap.

Password Manager   Summer 2017
- Created an application to store, encrypt and retrieve user inputted passwords for various accounts. Utilizes various Node modules as well as JSON formatting to create this program.
- JavaScript, NodeJS

Expression Evaluator
- Created fully functional program to evaluate expression with scalar and array variables utilizing Stacks, Queues and other data structures.

Additional Information

Volunteer Work: Organized charitable projects and events for the community's youth; Junior Achievement of New Jersey;

Technical Skills: Java, JavaScript, NodeJS, HTML5, CSS3, Bootstrap, MS Office, Publisher, Gradle, Git, Terminal.