

# Kabir Kuriyan

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## EDUCATION

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### Rutgers University, B.S Computer Science & Cognitive Science

September 2016 - May 2020

- Honors Program, School of Arts and Sciences
- Cumulative GPA: 3.78; Major GPA: 4.0; Deans List Fall 2016 – present
- Relevant Coursework: Computer Security, Operating Systems, Formal Languages & Automata, Design and Analysis of Algorithms, Systems Programming, Computer Architecture, Data Structures

## TECHNICAL EXPERIENCE

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### Jefferies – QuantPort – Infrastructure Intern

New York City, NY

GCP Compute, Storage, Kubernetes, VPCs, Python, Bash, Unix

May 2019 – present

- Developed architectural plan to secure GCP environment through VPC service controls and shared networks
- Used python and API calls to create an autoscaling condor-pool to allow for bursting condor jobs
- Move puppet configurations into source control management, with automatic deployment
- Automated deployment of GCP resources through Terraform and Deployment Manager
- Rewrote logging system to intelligently maintain system data, reducing complexity and abstracting configuration

### Cuebiq – Solutions Engineering Intern

New York City, NY

AWS Lambdas, S3, Pandas, Python

May 2018 – May 2019

- Automated manual processes using Python, AWS Lambdas, Pandas library
- Created a UI interface to run custom scripts using the Flask framework and Subprocess Python modules
- Created an automatic updater system using AWS S3 and Bash for custom internal scripts
- Developed processes and documentation for internal code development, review, and deployment

### AlphaMatters

Bangalore, India

International Intern

Summer 2017

- Used the Interactive Brokers API & Python scripts to store market data in a SQL database and execute strategies
- Configured a Linux server to automatically execute trades during market hours

## WORK EXPERIENCE

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### Rutgers Residence Life

Rutgers University

Resident Assistant / Apartment Assistant

August 2017 - Present

- Manage undergraduate resident hall, including building community, programming and policy enforcement for 62-90+ residents
- Participant in an after-hours on-call crisis management team for residential population of over 800 undergraduates
- Selected in second year to supervise, guide, counsel and direct first year students. Compensated with room and board.

## ACTIVITIES

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### HackRU Organizing Team – Research and Development Co-Director

Rutgers University

S3, CloudFront, Lambdas, MongoDB, React

Fall 2018 - Present

- Lead team of 20+ volunteers that make all the software used at the hackathon
- Develop and maintain the website system using AWS, React, and MongoDB

**USACS:** Attend and plan educational events with the intent of furthering computer science exposure and experience

**GA Tech Deck:** Responsible for creating and presenting all graphics for an audience of 5000+ at an annual conference

## PROGRAMMING SKILLS

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**Languages:** C, Python, Bash, SQL, Java

**Technologies:** AWS, GCP, React, MongoDB, Node.js, Flask, Bootstrap