Shyam Kotak

(440) 339-8086 • me@shyamkotak.com • www.shyamkotak.com

Education

- **Georgia Institute of Technology**   **Atlanta, Georgia**
  Online Masters of Science in Computer Science   *Expected Graduation: December 2021*
  - Specialization: Machine Learning
- **Case Western Reserve University**   **Cleveland, Ohio**
  Bachelor of Science in Computer Science   *May 2017*
  - Minors: Artificial Intelligence & Biology
  - Magna Cum Laude - Cumulative GPA: 3.90/4.00

Skills

Java • Python • JavaScript • HTML/CSS • SQL • Swift • R

Experience

- **BrightEdge**   **Cleveland, Ohio**
  Full Stack Software Engineer   *2019-Present*
- **IBM Watson Commerce**   **Columbus, Ohio**
  Software Developer - Core Team   *2017-2019*
  - Full-stack developer for a B2B file transfer service transmitting and translating 3.5M docs/day.
  - Lead releases from design and development in Java to deployment in production.
  - Transitioned production infrastructure from virtualized servers to containerized microservices using Docker, Ansible, Kubernetes, etc.
  - Developed a weather chatbot proof of concept for The Weather Channel using Python.
- **CLK Technologies**   **Cleveland, Ohio**
  Cofounder/Software Consultant   *2016-2017*
  - Collaborated with businesses to develop technical solutions that satisfy client needs.
  - Built a NYC based client's web application using Python, JavaScript, HTML, and CSS.
  - Launched RentIQ, a web-based property management tool built on Python, Javascript, HTML, CSS.
- **National Instruments**   **Austin, Texas**
  Software Development Intern   *Summer 2016*
  - Upgraded a DevOps tool using Python and Perl to expedite Jenkins project build times from 18+ to ~2 hours.
- **Flashstarts**   **Cleveland, Ohio**
  Software Development Intern   *Summer 2015*
  - Worked directly with multiple Flashstarts portfolio startups to create and improve software products.
  - Projects include developing an iOS application using iBeacon technology, a suite of Java based tools, and an iOS application for hospitals.
- **Center for Proteomics and Bioinformatics**   **Case Western Reserve University**
  Student Researcher   *2013-2015*
  - Used HTML, CSS, Python, and R to develop MAGNET, a bioinformatics web application used by researchers to generate coexpression and protein-protein interaction networks. Presented research at SOURCE Intersections.
- **Rockwell Automation**   **Mayfield, Ohio**
  Marketing Intern   *Summer 2013*
  - Devised an internal system to easily compare competitor products and improve the efficiency of the sales team.
  Engineering Intern   *Summer 2012*
  - Developed a model wind turbine. Created a mock company around the product to pitch to Rockwell executives.

Involvement

- **Techie Club**   *2017-2018*
  Volunteer - teach middle school students a variety of technology topics during an after school program.
- **Zeta Beta Tau**   *2014-2017*
  Awarded 2015 Most Outstanding Scholar - highest honor given to one CWRU fraternity man each year