

Soumya Kuruvila

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EDUCATION

University of Illinois at Urbana-Champaign - *BS in Computer Science (Aug 2017- May 2020)*

Completed Coursework: Intro to Artificial Intelligence, Text Analytical Systems, Systems Programming, Discrete Structures, Multivariable Calculus, Linear Algebra, Computer Architecture, Data Structures, Probability and Statistics, Physics E&M and Mechanics

Current Coursework: Security, Virtual Reality, Intro to Data Science, Algorithms and Theory

EXPERIENCE

JP Morgan Chase - *Software Engineering Intern | NY Metro | Summer 2019*

- Developed centralized user feedback data stream API for internal tools, provides visibility to app owners on how users are receiving their apps and what features to work on.
- Created a code generator to output codesnippets tailored to the specified app and its requested configurations and set up a MySQL database to store these configurations as each apps user feedback.

Capital One - *Software Engineering Intern | Fall 2018 | Champaign, IL*

- Used Databricks notebooks (Scala) to mine ATM machine logs in order to discover key insights on ATM health and usability to give Capital One real time information on which machines to pay attention to.

CSG - *Software Engineering Intern | Omaha, NE | Summer 2018*

- Developed data visualization tool for client (such as AT&T and Comcast) server activity
- Integrated website with Kibana and worked closely with Elasticsearch configurations to provide more visibility and speed in resolving issues for the over 400M data points ingested per day
- Optimized alerting functionality so customers can easily diagnose real time actionable alerts instantly

UC San Diego: SD Supercomputer Center - *Research Intern | San Diego, CA | Summer 2016*

- Developed web scraper in Java to aid in data collection for a research paper to gain more insight into the method used by the Chinese government to censor data

UC San Diego: SD Supercomputer Center - *Product Management Intern | San Diego, CA | Summer 2015*

- Founded an outreach program at UCSD to provide learning and networking opportunities to middle school girls interested in STEM.

LEADERSHIP AND ACTIVITIES

ACM (Association for Computing Machinery) - *Top 4 (Secretary) 2018-2019*

- Responsible for maintaining the structure and improving ACM@UIUC, the largest CS club on campus with hundreds of members working on projects and the biggest ACM student chapter in the country
- Organize events, programs, and provide feedback for all organizations that exist under the ACM umbrella

ACM Corporate - *Chair 2018-2019*

- Manage a slim team of 10 to efficiently host both CS Department and ACM tech talks and events throughout the year.
- Train and manage the team responsible for reaching out to companies and ensuring corporate sponsorships in order to support ACM's activities and organize small and large events (20 - 400 students) for our members.

Banks of the Boneyard - *Editor 2017-present*

- Compile blog posts to highlight the incredible work that our interest groups and ACM as a whole are up to.
- Connect members to new opportunities ranging from work experience to research to workshops/HackNights.

HackIllinois and Reflections/Projections - *2017-present*

- Work together with mentors, judges, and sponsors to ensure that everyone's expectations are met and push forward a successful event.
- Compile blog posts to expand the outreach and awareness of the event.

Women Leadership Club - *Founder 2013-2017*

- Founded a nonprofit/developed a curriculum to teach over 500 kids the importance of leadership and collaboration.
- Recruited leadership speakers, helped members build leadership skills, organized events/assemblies for schools, coordinated volunteer opportunities for members, and networked to other communities to spread the message.

RECOGNITION

- Rotary Youth Leadership Award and 4-Way Speech Tournament Winner 2017
- Intuit Foundation Scholar 2017 & 2018
- Distinguished Young Woman of San Diego 2017
- 2 Year San Diego Tribune All Academic Athlete

TECHNICAL SKILLS AND INTERESTS

Interests: AI/Machine Learning, Blockchain **Languages:** Java, C++, Python, Scala, HTML/CSS **Frameworks/Tools:** React, Flask, MySQL, Angular, Databricks, Kibana, Elasticsearch, Telerik/Kendo, Git