Ashwin C. Kolla

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Education:

Bachelor of Science, Computer Science, Mathematics Minor   Expected December 2019
College of Science and Engineering, University of Minnesota-Twin Cities, Minneapolis, MN
Cumulative GPA: 3.98 / 4.0
Honors: Dean's List of the College of Science and Engineering   September 2016 - Present
Scholarships: 3M Scholarship, Presidential Scholarship

Relevant Coursework:

Advanced Data Structures and Algorithms(IP), Intro to Artificial Intelligence(IP), Program Design and Development(IP), Advanced Programming Principles, Applied Linear Algebra

Skills/Certifications:

Languages: Python, Java, SQL, C, OCaml, R(Learning), C++(Learning)
Technologies: Git, Airflow, Docker, Graylog, Metabase, Shiny Server, MATLAB
Certifications: Oracle Certified Associate, Java SE 8 Programmer

Work Experience:

Infinite Campus, *Software Engineer Intern-Data Science*   January 2018 - August 2018
- Refactored automated ETL process for data collection of tool usage by implementing bcp utility into preexisting Python code which decreased execution time by approximately 75%
- Utilized Airflow and Docker to run Python code automatically for pulling fresh data
- Handled internal requests for data from 4 other teams by writing SQL queries and consolidating the appropriate data
- Helped revitalize an internal Shiny application in R for product usage tracking data used by Client Executives
- Wrote SQL queries to create census table with metadata about the tables within each customer's database
- Analyzed census table metadata by creating data visualizations in Metabase
- Utilized agile methodologies and presented completed work biweekly to stakeholders

Leadership Experience:

University of Minnesota, *Undergraduate Teaching Assistant*   September 2018 – Present
- TA for Intro to Algorithms, Data Structures, and Program Development course taught in Python and Java
- Work along with other teaching assistants to smoothly run lab sessions of 30+ students
- Conduct office hours weekly and debug and grade students' assignments

Intramural Soccer Team, *Captain*   February 2017 - Present
- Organized team of 10 players to participate in UMN spring soccer intramural league

Extra Curriculars:

Association of Computing Machinery, *Member*   September 2016 - Present
- Competed in a team with three other students in the ACM MinneHack Hackathon

Society of Asian Scientists and Engineers, *Member*   September 2016 - Present
- Participate in SASE Pals and mentor high school student by providing insight into college