Kiana Melelani Thatcher

128 Signal Ln, Irmo, SC, 29063 | (803) 605-0562 | thatcherk@arizona.edu

Education

University of Arizona | School of Mathematical Sciences | Master of Science | Fall 2022 – Present
- Major: Statistics and Data Science GIDP
- GPA: 4.0
- Expected graduation date: May 2024

University of Arizona | College of Science | Bachelor of Science | Fall 2020 – Spring 2023
- Major: Mathematics (B.S.) and Computer Science (B.S.)
- GPA: 3.967 (Summa Cum Laude)

River Bluff High School | 2016 - 2020
- Overall GPA: 5.343 (Valedictorian: #1 out of 436)

Awards

Galileo Circle Scholar | Department of Computer Science | 2021 and 2022
- Recognizes high achieving students who are involved in research at the University of Arizona.

Lusk Scholarship | Department of Mathematics | 2022
- Recognizes high achieving students in the mathematics department.

Experience

Software Engineer | Imagine Learning | May 2023 – Current

Software Engineer Intern | May 2023 – Current

Associate Software Engineer co-op | Aug 2023 – Current
- Develop Flink stateful functions, using Java, that take in state education standards and student assessments and outputs students' mastery of each education standard to elastic search.
- Create pipeline between QA event buckets to QA database in Snowflake.

Front End Developer Intern | Credit One Bank | June 2022 – August 2022
- Collaborated with a team of four interns to develop a website for filling out forms.
- Utilized React, TypeScript, HTML, and CSS to implement the website design and functionality.

Research Assistant | Dr. Stephen Kobourov | Department of Computer Science | University of Arizona | Aug 2020 – Jan 2023
- Collaborated with team to develop the Global Research Query System (GRQS) and prepare manuscripts for review.
- Developed queries and aggregated data using MongoDB.
- Developed a website to display and visualize research data using Python Dash.

Residential Assistant | University of Arizona | Aug 2021 – May 2023
- Assisted residents with transition to university living and helped to create a sense of community within the hall.
- Enforced dorm policies, provided residents with resources, informed residents about on-campus events.
- Worked with team members to organize activities and events for our residents.

Cashier | Tripp's Fine Cleaners | Jan 2020 – Aug 2020
- Greeted customers, responded to customer questions, and provided professional service.

Skills And Interests

Computer Skills
- Python, Java, JavaScript, C, SQL, TypeScript, HTML, CSS, C#
- Experience with Snowflake, React, GitHub, MongoDB, Visual Script Code, Oracle, Python Dash, R

Risk Runners Club | Treasurer | Mar 2021 – May 2023
- Handled the club finances for undergraduate students interested in actuarial careers.

River Bluff High School Women's Varsity Tennis Team | 2014 - 2019
- Women's 5A Tennis Team State Championship (2017, 2019) and voted Most Valuable Player (2019)

Travel
- Spain, China, England, Italy, France, Bahamas