



www.sourish.dev

# Sourish Kundu

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## Education

### **University of Wisconsin, Madison**

Expected Graduation: May 2023

*BS in Computer Science, Data Science, and Economics*

- Letters and Science Honors Student; National Society of Leadership and Success
- Relevant coursework: Data Structures and Algorithms, Calculus - Functions of Several Variables, Macroeconomic Theory

## Experiences

### **Leidos - Mentoree**

Eagan, MN // Mar 2019 to May 2019

- Collaborated with different agile and waterfall teams working on software for the Federal Aviation Administration to gain insight in the field of software development
- Learned about the process of developing the different software systems used in the airline industry
- Ran tests on the code in either Java or C++ trying to isolate bugs
- Presented to company's team leads about experience at Leidos

### **Scratch Club @ Marquette Elementary School – Teacher**

Madison, WI // January 2020 to Present

- Teach 4<sup>th</sup> and 5<sup>th</sup> graders the fundamentals of Computer Science through the Scratch programming language
- Prepare lesson plans addressing variables, loops, debugging, collaboration, etc. to help students explore the field of CS
- Encourage students to create think outside of the box and be passionate about the field of computer science

## Projects

### **Rap Analyzer**

Madison, WI // January 2020 to Present

- Create application that analyzes lyrics from rap songs by utilizing Genius's API
- Give user insight about the song's sentence structure, word choice, and complexity of song

### **Shotplotter Mobile Application**

Eagan, MN // Sep 2017 to Jun 2018

- Developed iPad application using Swift with team for volleyball coach at Eagan High School
- Allowed user to draw and organize lines on screen to track opponents' shots during volleyball match

## Volunteering

### **Coding for Good – Project Lead**

Madison, WI // February 2020 to Present

- Leading team of five individuals to develop application to augment the learning of Python students
- Developing app to allow users, after seeing a short Python script, to guess which line will run next and what output will be
- Testing fundamental understanding of the language to better prepare students for class exams

### **Greater University Tutoring Service – Tutor**

Madison, WI // February 2019 to Present

- Tutor students struggling with core Computer Science and Economics concepts
- Condense complicated concepts into simple, understandable terms to ensure comprehension

## Extracurriculars

### **Federal Reserve Challenge – Head of Training**

Madison, WI // Sep 2019 to Present

- Conduct economics research for case competition to propose policy recommendation to Chicago Federal Reserve Board
- Coordinate and organize training events for club members to hone key skills for the workplace (E.g. Bloomberg)
- Attend executive board meetings to help plan upcoming events to ensure smooth experience for club members

### **Lead @Econ – Mentoree**

Madison, WI // Sep 2019 to Present

- Learn vital skills in leadership, resuming building, interviewing, and Excel, for the workplace after college
- Converse with assigned mentor about academic and career plans

### **National Speech and Debate Association – Member of Premier Distinction**

Eagan, MN // Sep 2015 to Jun 2019

- Speech – *Captain, Varsity competitor*
  - National Quarterfinalist (Top 30) in International Extemporaneous Speaking
  - Coordinated practices, events, and meetings for nationally ranked team of 100 kids
  - Earned the Academic All-American Award from the NSDA

## Skills and Interests

Languages: Java, Python, JavaScript, HTML, CSS, Swift | Other: Git, Django, jQuery, Android App Development, Blender, Excel